



are taking good places in the Radio field LEARN QUICKLY AND EASILY AT HOME

The State of the S

OMOINATORS OF RADIO HOME-STUDY TRAINING







SCIENTIFICTION

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Extravagant Fiction Today

- - Cold Fact Tomovros

FICTION VERSUS FACTS

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"The hold to make as attaid measure, of course, for the circumstates of the correct assert of steener, but the circumstates of the correct assert of steener, but the circumstates of the correct assert of the circumstates of th

Of goerne case in a great while an leadur may take some

STATION X

By G.McLeod Winsor



CHAPTER I The New Post

SCHOOLSETS Alan Marrae watched the last hugs of the sunset from Phymiath Hee pale over Mount Edgeumbe, he stood out in marked contrast to the stolid West Country types around him. His tail highly-strung manner, marked him as a stranger. A touch on the arm recalled him from his apparently

sembre thoughts-the touch of a girl who had ap-

"I'm so narry I'm late, Alan," she cried gaily, "but the manager had a fit." "A fit?" questioned Macrae. "Yes, of work," exclaimed the girl: "and he kent

moseoing letters, quite indifferent to the fact that this is our last night together. Let's walk shall As they walked slowly alone the Hoe, the contrust between the two was remerkable. The brisk alertness of May Treburne second to secentuate

her companion's moodiness and psychle gloom. They had been engaged for a year, and were waiting only for Fortune to smile upon them to

get married. As May had expressed it, "Bread and cheese and love are all right; but you must be sure Mauras had by shoer

radio station." That was all be knew, beyond the duct that the colors was a handrome one. On the for his unknown destination, where for a period he lost to the world. He to send por to receive letters, and was sworn to divulge nothing as to where he had been or

upon what engaged. "Pechans I've been a fool to take the nest." he said, looking down at his tic eyes. "That's not flattering. Alan," said the girl gaily,

fotermined to cheer him cut of his gloomy mood, "You did it so that we could-" She passed. "Get married," he con-

studed the sentence for her. "Yes, I knows but think of six months without you, in a alsee that I know nothing about." "There up Alon!" eried May brightly, "It's noon cars. It was splendid of you to second it. I'm tired sore. He's such a moth-eaten little worm."

not to gramble," He smiled down at her, adding "That it will bring a certain day nearer is the best "Meanwhile," said May, "I shall ploture was load, ing a port of lighthouse existence, and in off-daty moments thinking about me." As she make her eyes rected on the beam of Eddystone, which the gathering darkness already made plainly visible off

Discussing the Dangers at Station X

"Well, yes, you are right, May, The time will seem

YOU are right! On duty and off, my thoughts will run pretty much on you dear," he "Now, Alan, tell me why you aren't, or should I pliment, of course, but in there saything that's warrying you?" She looked up at him inquiringly. "I surpose I've got the bluce. I find myself op-

pressed with the feeling that something is color to happen. I can't tell what, but I feel that the fature bolds scoothing dark and herrible." "Tell me. Also, deer, do you know of anything in your coming duties that successin danger to you?

Will you be among savages? Has anything happened to any one at the post? Or is it only just a feeline?" "It rests on nothing, but-"Then for goodness 'sake, my dear boy, don't worry yourself about WE are beginning in this town, STATION X, which nothing," said May, with rolled, "Here," wheeling the counter by for the prested ratio story that those

him around, "let us face the wird, and it will blow to interchange his model midd that of marcher and thereby control has highestly, frome confider the following: In 1922 the publishers of this magnitus, it conjustings with Scokes PHIM, of Hear Yer Chy, then becaled at the Scokes PHIM, of Hear Yer Chy, then becaled at the Scokes PHIM, of Hear Yer Chy, then becaled at formed the following experiment: One like second of Irisy 16, 1926, a related may placed to fromt of the Irish absolute in RADIO NEWS LABO-RATIONESS or 33 Febr. Place, New York CAS. She cast about in her mind how to hearten her lover, and-ker eye caught sight of the statue of Sir "Did you ever hear of Droke, Alan?" she selved. thinking it possible that The subject was excurred by over turby accupance be might not, knowing his of 53 Park Place. Long needles

helf on hour. The subject feedly may prosper upon-his senses by Mr. Dunninger's comminds inning our aj Hapmoning by rome was therefore tractabased a nucets. A full account of the experience may be found in the September, 1923, inve of SCIENCE AND INVEN-

came her favorite bern had planed ou this mot. of the threatening danger,

of Selec, Limited, and still more tired of its manthat say one kind has all the courage. It is

and how the great Dobrestbless messenger worry or even hurry him. The Celt, ever suick of apprehension and selfapplication, had no need for the point to be "Different men have different natures," said Macrae, in a restrained voice. "It does not "

for which she had decided

that the future should yet

As they opposeded the

statue, she told him about

Drake and that immertal

meles amends.

ment to say if I would also have done my duty that, and that I know, I would not have been able to infinith that game of bords. It's all a question of initial that is now of bords. It's all a question of not understand. You are a town gly, and I am from the inorty size. Takes are some though that see only to be fall. The forest, the stream, the roots and the roomatin, can stook obscataling in a child that can now be instrude hites. It's a seet of sixth seens. Some of us have it. I don't chim to, myself, yet I fall

to be fall. The fewest, the stream, the rocks and the routestain, on a non-manifeling in a still that canmonthin, on a non-manifeling in a still that canmonthin, on the control of the control of the control of the week. I fourt claim for, repeal, yet I fall
to approach of a cloud. As a loy I lowed to
unionic allow, there is the routing toward, yet I get
when up at chief a cloud. As a loy I lowed to
when up at chief a cloud. As a loy I lowed to
when up at chief a cloud. The word they can
man approaching, showly while in the distance, but
many approaching about you the control
many and control of the control
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do not one myself inherated from its embrace." A Great Opportunity

LAN, day, do not keep capible press and
If you have saything dearward consists
of with your new peet, tell it to ma. You
say you whose this operatually beamed it humps o
certain day meaner. As you are goding away 1% conwhose your pressions in many long to make it.
When your positions in many long it to make it,
huppy begither. As present, as you know, I am saything but that, Yo, I, would for easher you throw
if all up it there is any special dearner.
"If there is I have probling bedout I," he registed.

most, not make me tell you of this impression, which really rette on solbling. But, "he added heatily, "sit's tells of other things." May sighted are also recognized it would be unless to my more on the subject. But have Marrarie althy-vierage nervous temperatured, but also that high-vierage nervous temperatured, but also that like evold not understood bit fortibellings, but recognizing that the moreout of partials was draw-

Alim Marcas had been a poor, half-effered york from the Rightland, who had by meet element has from the Rightland, who had by meet element has the property of the second of the second of the third of the second of the second of the second third had been seen that the second of the second like the second of the The electrical in the second of the best of the second of the second of the second of the best of the second of the second of the second of the best of the second of the second of the second of the best of the second of th

wall.

When radio tolephony was in its infancy it was no easy matter to eath the words, and acute hearing was absolutely necessary to the operator. To a certain extent it still [8, for there is always a some

ing was absolutely necessary to the operator. To a certain extent it still is, for there is always a noncessrounding any station, near the limit of sudficility, who re automore of hearing makes all the difference on the possibility and impossibility of comment in this respect was little short of phenomenal, and this it was that centred him to be sent to the Corrish station used for transsituatic messages, Later it had been one of the reasons, combined with his studiests and competence, that had caused him to be selected for this materious Government as-

to or soccool feet was proposed for pring on based printings.

In printing the printing of the

Starting for Station X

boat was awaiting him.

MAT night he reported kineself to Capisia.

Event of ILRA Sagifit, where he made he
he constructed Station X, to which he are
he in commend of Station X, to which Marses was
points, Knowing her mash they would be thrown toadults, Capisia Neverd was antitude that there we
should make a mutually feverable imprection upon
solution that he inclined such has referred the interspeaking to his brether officers that begins to
speaking to his brether officers that bight, made to
source of his direction.

"This is rough lock," east he "to be hoved on for six months with that reisernble mechanic!" For his part, Macres said nothing, but felt inattractively the complete lack of sympathy hetwoon him and his future opporing. It was only after make ing. He falt no resentment against Wilson for what he recognized was a mutual misfortune-that they could never be compenious, and he are that one of Captain Evered found an early opportunity of taking Wilson to task, and of giving him some sound adults relating out the heavings of the thing from the Coversment's votes of view the recoverability of his post, and the destrability of sultivating good relations with his companion who had had less advantages thun himself, stc., etc. He nevertheless come to the conclusion, large before the sevence was

over, that they were as Illesseeded a neight as he had

ever stan.

The yeary are neverted in the Indian Conse.

The yeary from active relates. I help office in the Indian Conse.

If in man, a quist methodical cert of creative, which has been excepted in set is severed as the extint.

If it is not been active in the indian in the interior in the property of the interior in the interior i

thoroughly competent "wireless" engineer and on-

Manuel's Perebolings Realized

MONTH passed, during which Capitals Evered's foreholdings as to the lask of sympathy
realized. Upon Marray, who had been were chromaphy
realized. Upon Marray, who had been accordanced

realized. Upon Miscrae, who had been accustomed from his childhood to activate, the effect was not marked; but with Lieutenant Wilson it was different. He grew irritable, unreassouble, and almost moreous. His visitin was the Chinamen, Ling, upon whose he second to take a sware potentier in within

ing his spaces. When off detay, Manrae would wander off to the cliff, and there, for hour after hour, would she breeding or writing up the dairy that May Traheros, with remarkable fornsight, had unpud him to keep, this carlier extrine were devoted to a decorption of many incidents of the wopage, and the knodred and one immensionee made on a premiarry recording

mind. He found in the diary a new medium of expressice, a relief from the breeding of his boylond. All first he disposered great difficulty in expressing himself, but probability found himself writing with interesting case and facility. One day, or looking both through the entire pages, he was both of the through the entire pages, he was both of the thry diff as two divergences for reflect his Hes. He know that he could now do it better. He decided to help angula, and, now that between some securious

Disry of Life at Station X

Old on searcely realise the back yor so through I mean, its difficulty—when you subset me to leap a day. By a great pleasure, as until ing stellar up your sweet from so clearly as writing to speaking to you. I have already taid you that I om feetilden to tell off the place or of my distinct. They are very light, although of the utmost importance to make the content than the content in the cont

ace in these three. As a solider would put it, we are nearer suther than an active force, indice to be called upon, but, for an important record, upon the little as positions. We interchange a stilly word or two to see that we are in working order.

I am afted you will find that disay instatementing accordings, but you will find that disay instatement on the case. Even the weekler is uncestful leve. How

little we know at home how workshows and mynotorcop preparing his claim can be!. It is they so in this composition has claim can be! It is they so in this During the long hours off dety, I sit keep in this totalet node on the cell ownships; the count, writing to you, during, or looking out over the limitiess expresse of waters. The long-leve soul accordto move like exchanted waves, until my own thoughts to exemal halled to hormony with their champelose rhythm. It is just it a such moments that the unforces increasing of the harmonds of that the unforces increasing of the harmonds of their

thindow I spike to you about seems to become more real.

I have learned here that the faciling of isolation, when confixed with an uncongenial computer, is when confixed with an uncongenial computer. In were surfered here of this. I often thin; I about which is made such for the up performance of dity is construct, it suom to me were too start. There is construct, it suom to me were too start. There is that the construction of the construction of the target of the construction of the construction of the construction of the construction of the control of the construction of the construction of the publication, but I can haven for a conclude at the last of it. I can exame of my cooled best continues and the construction of the construction of the companion cares to his little, life feet the life as of much as I can be constructed as the control of the construction of the control of the construction of the control of the construction of the control of t

different things would be if only Lieutenant Wilson

change in the twenty-four hours, often, in relieving face other at the sour of the signal room, coluting without a word at all. The Chineman

A T first it struck even the Chinaman an curlson, for I have mere than cone seen him ragarding us, out of his abrond eyes, with the suspicion of a grin for a memant humanizing his impressivable counterance.

I wonder if all Chinamon are like his one, and I wonder what this core to filted He is a walking

same of innerminative and officious has were noted for final make no sound. It think; I fere waterful for grant final real for the first product of the first reality possess, the press shart took one off old ret reality possess, the press shart per control for the product of the first product. The control first reality of the first reality of

the Chinese appears much the brillier of the tenAnd yet it is of the point, individual that Lietenars. When measures to find from
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and the case of the findements temper. It
an includion has by the regulations. He really in
performance of some alight outy or survive, when
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differents, it enough to provide as a-thurst. More
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You well see, therefore, that apart from my alight artise, there is little to coracy my thus, and I am reduced to being my own companion, a mis-craitle substitute at best for pleasant company. That is where my diary cenne in, and saves no from what would otherwise be many a thresome hour. I wonder coupting whether this was not in year worder couptings whether this was not in year

mind when you set me the task. I think it must have hear string that although I write to you I served post what I write. If so, thank you for the promise you expected. What would I not give descript Moreven for a few minutes of year commune.

The Ocean Solitude at Station X

"I' I lived long in this place I should have to become an astronomer. I am not alleged to give ton reverse datable but you know that we well isolated and overlook the sea. When, by day, I sit and watch the seean arroyed on he night the seean shove, both of which have now become so familiar to me, these seem my real communions, less remote, in soite of their immunity, than the two fellow humans with whom my lot is cost, I think it is the mystery of things that is the attractive power. The sen-birds alone are a perpetual marvel. As long ago as I on remember anything, I remember watching the carde with wonder and delight; but They came from the invisible distance, sail to and fre. to and fre. on end down and owny spain beyoud the horizon, and it is oven rare to see the heat

segret of it is their own, or at all events it is beyoud the range of my mechanics. But what are such mysteries compared with those that are arread above? If you have beard on gramble at the monotony of perpetual blue skies, you will nover hear me grumble at these nights, It nightly the mayob of these star buttalious and not knowing even the name of one. I look forward to being your rebolar in this as in other studies, when, if ever, the argertunity comes. No doubt this isgreated dealer for information about the starry bosts is partly because I pover know before that there were so warm of those There result he test stars here for every one in a Secteh sky at the heat of times. But the principal reason is that there would be so much the more to think about, for I have made another discovery, that on improve man sicos, is more itsely than a man of knowledge ean even be. Yet I dare say the knowledge of the winest is a small matter compared with the measure of his

of a minion. It is not flying but fleeting, but the

If I could not turn my thoughts to you, dear May, sometimes. I think I should almost loss my reason. The place, or rather, the circumistances of my life home and making on new payment and I shart a break at a thaday, or the silehtest sound. I must indeed pull myself together, and think still more of you and the double pay that is leading to you, and turn my back res their upon things "based on nothing."

as you say, "cohumbs," as you call them. I would not have you different from what you are for sill the world, and the greatest stroke of lock of

It is now the hour for relieving Ligatement Wilnon at the Sional Station; one of na worst always be within harring of the call signal. He has seen bed to wall for me yet! Good-have dear May, until teMore About the Chimmen

F these lines were destined to meet your eye at

ours I would not write them, as they could only werry you. Sensithing has happened, No cobweb this time. My wretched forehoding has always been so werue that it has seemed part of my trouble It never occurred to me that Lieutenant Wilson's temper would pass from an inconvenience into a danger, but what occurred to-day has shown my that In relying on the immovable calm of Line, I have been hullding on the sand. The two things may still he quite reconnected as to-day's affair only con-

extra drend of what may happen here

STORIES

Ling was a few minutes behind time in the performance of some allest duty, and so had hid himself even to rebule. This had taken the usual form of a rore's-unling. When possible, I message to be absent on these occasions, but I harmoned test them to be watching the Chintman, and was startled to see the will of his everlasting calm for a moment lifted. A lack flashed from his entirely francforming thore, but long enough to reveal to me the exisimmenstrable mask somin descended. But that glance that there may be a tracedy here at any time Never more will I complain of monotonous days May every day I temain here to so moretaness so hitherto, and may the time at length asfuly arrive when together we shall leugh all my fears out of countenance. Nover did I feel the used of you, dear May more than nows for if anything of the kind I dread should happen, I four it would put the finish-

ing touch on my jarred nervee An Awisi Mentery and Murden

AN it he but vestorday that I woods the last line in this book? So fee as the hours are concerned, if appears even less, for I know nothing of the passage of the greater part of them. but reclosing by exents which were crowded late. seconds, that time seems ages ago. The boil has fallen. Nover more, May, aball I sit and write you yes throughts in the shadow of that your on the old overlooking the sunlit waves. But I will now, to the best of my ability, write down the awful account of what has happened, and the strange thing that has followed it. I am thankful to have had my parver sufficiently restored to do so. They are restored in fact, to an extent that sames wanderful even to myself. A short time are I was too distracted to

My last latter to you may written an round, while sitting at my favorite spot on the sliff. Having closed the diary on the oreinest words I had concluded my letter with, I was sitting helf asleep, drecently watching some penaltiple of tremendous wing the same of which is unknown to me and larly wondering, as I always do, at their easy deforce of the laws of secretarion when I was saiddealy roused more effectually than by clap of thunder. They say I have phenomenal powers of hearing, of what I had commenced. I was rone too soon, for

that since the day before had lain at the back of ray mind, coupled with the nerrous strain that had so long oppressed me, would in any case have made me quick to catch any unusual sound from the sta-What I did hear was an ansry about as of surthe blood, a moment's mingling of two voices in exoriement, a nistol-shot, and that was all. The very

allence that succeeded sectord to lend horror to my mind. I had surung to my feet at the first sound, but stood spell-bound for the few moments the sounds continued and then at my utmost speed I

During the two or three minutes this may have dred ageful possibilities from justling each other through my mind. I feared to find terrible injury to one or other, perhaps both, of my companionsperhans Line even deed, for I knew the fetal accurrey of Licutement Wilson with a wistell The reality surpassed it all. Poor Wilson lay on his side, bent backward like a how. His attitude and expression were too frightful to recall, the last convolsive twitchings of life were still faintly perceptible. In his back was the Chinaman's knife, driven to the hilt. The Chineman lay like one salesp, but in this case it was the sleep that knows no waking, with a face on which its habitual calm

had already researcted itself, and a pistel bullet Recovery from a Trance

MY dear May, I carnot give you the history of the time that immediately succeeded my direcevery; it has become a blank. Whether I actually lost consciourness at the shock or not, I do not know, but my memory bulis no record of what must have been a considerable time. I rememrrot, and, raising my eyes from the awful scene at my feet, I noticed that the sun was siresely in the western sky. I was shaking like an aspen leaf. I strongled to collect my ideas into a coherent train of throught, instinctively realizing that something must be done-at once.

The thought of these murdered hodge bring so near me in the sale startight through the silent watches of the night was intelerable. I resolved to bury them while daylight basted, just as they were, as deep as I osuld-out of sight-out of light I sannot dwell, even now, on all the details of this tuck. I dragged them as far as possible from the station-house, where their life's blood had misde terrible token of the onet where they fell, just out-

I was determined that deep they should lie, but the errorned was rocky, and my tools not intended I at length completed my task. I confess that the herdness of the ground was not nor only difficulty. for more than once I leapt up from my work with Chinaman, as I had once seen it, close to my shoulder. Nothing but the alternative of their shartly company above ground drove me to the completion

by the time I had finished, the brief twilight was already on the mand. Such, however, was my unreasoning, frantic distre to obliterate all traces of the trasudy, that ere black night descended, the bloodstains also had been washed away.

Entering the building, my londings rushed down upon me and sessed to wrap me round. I beporting the occurrence, that took me straight to the man. At the signal-table there is provided, for the nursess of wireless telephony, a headpless that fits hands, that they may be left free for taking down a

coming through the instrument.

A Window from Where? A S I gut on this headnings I felt severely the A physical and mental street to which a real been subjected, and suffered a curious fortit seemed half utter fotigue, and half excitement-I traused the normal, and then retoke the call word my own voice. This should not have been very disers, as excluders of all sounds not coming by "wire-

less"; yet I seemed to have shouted. Trying again, and speaking coffly, it had the some effect. Having waited in vain for an answer from the neighboring (neighboring)-three thouexultation. Incredible as it may support the murandthle to me. The eardiest of brooner second to hist over the bungalou. The creak of a board was

A Breaking Communication

NCB mure I assumed the headpiece and pignalled again, and again. The clong of the call-orginal at the receiving station in andible for some distance; it is not necessary to have on the head-niese to receive it. The fact of getting no reply proved there was no one in attendence, at the moment, at althor of the two stetions we communicated with. It is true the hour was an unisual one, in fact one at which no call under such alreamstraces. I felt at the tape that this went some way to vindicate Lieutement Wilson's methods, whose faults, whotever they might slackness. No one could have signalled us at any

mement, day or night, during his command here Keeping on the headpiece, I waited, ceiling up at

some sheeter or longer time a thing becomed that

of the state of physical arbusation to which I had reduced mysic! While I withind, I fell select. My bead must have dropped forward on the signaltable, at which I sax, and with the host-piece still attaches, along uniformly overcame me. On waking, I secured to econe suddenly to my full senses, and it immediately struck me with a shock of surprise that it was no longer adults!

AMAZING STORIES

slock of surprise that I was no longer night!

If this to that may a moment to retain the freezing that I are all the state of the surprise that it could not have been much more than as her after after from the surprise that the characteristic state of the surprise that the characteristic state of the surprise that the characteristic state of the surprise state of the sur

plantation—I had diple over twenty hours.

Recommenting that any etro account on the Recommendation of the Recommendation of the Commendation of the Commendation of the Administry, on that milest night be sent. I hastoned hook to the Interferential Winds, as the Price Service of the Administry, on that milest night be sent in the Commendation of the Recommendation of the

tion, which should mostly surreagent.
On specing the Beard Book integris are surreise
to find written down, is my own sheet should, then you
have the surreise surreise surreise surreise
Station, in which I had supprestly given a full nocount of curyiding that had bapparent, and received
regions and interoclinea. I trial is received semiregions and the surreise surreised semihalf is not so down a surreised surreised surrehalf in the surreised su

the evening before. A Charge in Physical Condition

The executed is no fee the first lips which provides presidently liber was in ma, no congrared with the the day previous. Incredible as this current previous previou

werry and forsheding.

It seemed as though the very existingle I had apprehensed had, by its occurrence, relieved my mand from the strain. If any one had told me some mouths ago, my when had we saw each other, that unifer and incrementance as those—of homes, is a unifer and incrementance as those—of homes, is a

Il suddenly appeared so pressing that it had to be at once attitude in. Nover had dood stated to pope, y and yet, before I had proceeded far, a mustical second to turn to subst. The Beneril Role caral writing, but what croisons was there that it was closer to be a state of the propriet pay food, in impact forgottes, I went to the instrument, and in lists that a minute was tablesy with Quostlesh to its that a minute was tablesy with Quostlesh to secfround. They had received my rereserved the liststatum to keep an constantly on

so calmbr, I should have been the last to believe it

It next occurred to me that I was fearfully

hungry, as well might be the case, and the need

drity at I am physically capable of.
Since finishing my interrupted meal, I have wellties you thin account, with keeping within account
with a local property of the self-signal. It is almost the hour at which
yeathraisy fall soling at the instrument. That will
yeathraisy fall soling at the instrument. That will
be the paper again, but I shall put on the heartplace.
It is not necessary, but comelow I feel as though
alled to the instrument. So good-how, deep mancalled to the instrument. So good-how, deep May.

for the present. CHAPTER III What the "Strints" Discovered

Twan the afternoon of the 11th of Dobbler. The cruther Soyfith was taking a stirrless telegraph taking, and where have but support, and the Zaland, where their list day had become the relief of the station at Weichal-well. About he bells, a radio monage was received in code from a station on the Eastern Extension Dobble. This station on the Eastern Extension Dobble. This station on the Eastern Extension Dobble. This station on the Eastern Extension Dobble. This

tion X. All communication coped. Espect on arrival?"
When Capsian Surved rectived this communication be wen already well north of the Bitmarchet Archipalago. As he read it his face could not have become grower had be seen an approaching typic-con on the horizon. In a figurative sense that is what he slid see.

on the horizon. In a figurative zones that in what he slid zone.

Proxingly the mess of his thirty knotter was dofacted to the neeth-surk, and also was not racking at her best pace on his now events, which by through a proxys, to where the bettom of the Pendis falls into the Ammen Deep, men which his goal was oftenade. He knew that samplefug unusual must have him-

out period, but the screecy of the Service probabiled the sentilled of his saling sensitions. It was very enterpose that the sensition of the saling sensition of their ke. All communication coales? we would lead for direct to him. Two young and healthy men are not filledly to be tetally insagentised from dirty at the results of the saling sensition of the saling sensition of the works of the saling sensition of the saling sensition of the works of the saling sensition of the saling sensition of the works of the saling sensition of the saling sensition of the works of the saling sensition of the works of the saling sensition of the saling sensition of the works of the saling sensition of the saling sensition of the works of the saling sensition of the saling sensit

w present case, his thoughts took another turn, and, yindiging by his expression, it did not seem a particularly pleasant one. Encountering the ship's dester on dook soon after the change of course, he said:

"What do you think of this message, Anderson?

must from the strain. If any one had told measure
must are, may when had we now each other, that
under arch circumstances as those—of horror, isolation, responsibility—I should be ably to take it
that, the company is the company of the company is the company in the company in the company is the company in the company in the company is the company in the company in the company is the company in the company in the company in the company is the company in the company is the company in the company

"What do you meke, let?" was the startled retort, "Do you think that Germany......"
"My first thought was that the storm had hund," and Capitaln Stored," that if such an idea had been cateriatized at home, the meaning would have been worked differently. We live in such ticklich times that every preconfiler must be taken, but I don't

think that is the explanation."

No Communication with Storion X

"I" WHEN have you some other theory?"

"I den't like to call it a theory, but I brought those two fillows out from Regland, and I can't forgut what an ill-parked couple they were." Captain Eweed III a cigarette. "In other words, you think it possible there has been itsubbot" queried the dector.

been irealide?" queried the dector.
"You were not with us out the outward voyage, and-see have not met them. Willow aboved every sign of builty a martiest, and a surity one at that sign of builty a martiest, and a surity one at that Macras, the engineer and operator, is more difficult to disarrile. He is well-manning, but with little discussion, very surveys, and of weak will; so vice, but to beliant for which will not be the collection where the wind to be the collection of the collection of

can be it shown only to those who save seen boxed up together for months in that may."

"I hape thate has been on row between them?"

"Very likely not; but nothing would surprise me very much. The one thing certain is that neither of them is on duty, and the more I think of R, the less I believe in outside interference. Such a thing

he other signe by now."

Station X was thoroughly fitted for routo telegraphy, as well as with the incomparably larger pixel for long-distince telephony. As the distance between breast and the lating distinished, the

Sewent state repairs more to the up the statem, On the recentling of the 14th the fallend was related, a timy speak on the scenar's fim. When ness complete for the pitters showever yet detail on ellift and shore, the cruitare made the four of it, as a measure of pressurities; but no sign of this was whitely, other or hand or water. Eas then fired a received to attract contains the content of t

assuming the worst in regard to Macron and Wilsor! Tearing to his first literatural, he said: "Mr. Fletcher, take the criter and go and irrestgate. Anderson will so with you. Let the most elay by the best willie you and Anderson hand. If you see no sign of any cost, girsts fine to that effects of precessing the description of the contraction of the precessing the statement of the contraction of the contraction of the contraction of the contraction of the own which has interested, and return as nown actions of which has interested, and return as nown action.

> Lending from the "Bagina" heat's room more pined sums and

THE hout's erow were piped away and word aron pulling for the shelving beach. The two officers headed and proceeded to elimb the cliff. They stood for a moment, the whole intuite of the island byte file a map before them. Suptits. In order to preserve the serve of Station X every presention and hom taken to his for two the one-question can be an intended to the configuration of the configuration

there was a case of slekuess on the mined would be sufficient explanation, whatever the full firsts of the case might be. This was why the doctor had been made one of the handing-party.

The agreed sign that nothing was visible was made, and the two man disappeared over the cliff.

made, and the two min disappeared over the clift.

"The station looks all right, at all events," and
the doctor, "but no sign of anyhedy. Where the
distens can the fellows have get to?"

They pressed on fer the station-bosne, and
pushed open the does, which was chosed but not

inches.
On the floor, on its back, by the body of Marzie,
with an evertured chair heater him. The appears
are irrectably suggested that the pair follow had
been stifting at the table in front of the instrument,
who, from some unexplained comes, he had failed
backward, chair and all, strifting the floor with the
halt of his back. There was no size, that he had
halt of his back. There was no size, that he had

minds any subsequent offert, "Dead!" said the derior, after a helef examination; "but where are the others?" Catalopsy or Doubli

Cattlepay or Book!

The various rooms of the bangalow-hall station-house were thereughly searched, but there was nothing to throw any light on their

absume.

"Con you tell the cruse of the operator's death,
Anderson!" inquired Liestenson Fletcher.

"No," repided the dector; "there'll no sign of
videons. It's very strange."

"Prossibly the papers will show stretching of
what has happened," suggested Fletcher, "but I

"Hight-ch!" said the dector, who had turned his attention again to the body in the significant. He dector will then come anbore."

"Hight-ch!" said the dector, who had turned his attention again to the body in the signif-room. Lieutenut Fitther accordingly returned to the

Captain Evered immediately decided to go ashore houself and make a personal examination of the island.

On arriving at the station-house, he were straight to the signal-room, where he found Dr. Anderson knotling by the body of Marrae.

Incelling by the body of Macrae.

"Fitcher and I thought you had better see the
place before saything was touched, cly," and Anderson, looking up.

"He's damed?" questioned Captain Evered, indicat-

ing Macras. "I thought so at first," was the reply.

Captain Everal looked sharply at the speaker, for both in the words sad tone there were a significance.

Axiovering the look, Anderson, proceeded: "I have made a further examination, and I'm not now

contain that you fruit support you of all account?

While speaking he was placing the body in what, for a living purson, would have been a more easy "It is true that I can find no sign of Nfc whatever, peither paise nor temperature; but on the

other hand, I can find no certain sign of death. You see there is no rigor, nor say sam of decay. The occupation of signals implies that he may have lain "But." said Contain Rysred, "is such a state of death in life weasible !"

"It is difficult to say what is possible in this way."

edge. "Meanwhile what should be done?" "He must be got on heard as quickly as possible.

Coptain Recred did not reply for a moment. Ho was lasking at the thing from the Sargice road of

"Well," he said at leasth, "what must be, must has it is true we could not very well leave him bure, but it's restortanate. But what of the others?

"Wo've seen no sign of them," said Anderson, "and in your absence Platcher mould not refer to the signal records to see what light they might throw on things,"

& CTING on the hint, Captain Exerced most to

A the signal-book and began to ress. The most thing he netweed, for in the circumstances be the signal-back and began to road. The first began at the cod, was that the last alreading which took place was on October 10th, that is the day hefore he had been ordered to change his coums. Coming back the leaves, he of once came mon Macrac's report of the trapply. This showed him that the Admiraliy was already in nessession of the sales of greater despatch when Marrie to longer responded, had been altered by sending the Seriete. Captain Everel now gave the terrible details to his communica, and requested him to find the wisco

While Anderson was thus employed, Captain circumstances he felt justified in examining. This be sounded over from the barring, reading a little impreser account to have written, containing many indications that, in certain hands, would have afforded undesirable class. As he came to Macros's effect on himself. Cardain Regred became conhad never been a man spited to this kind of duty.

broin had been torned by the event that had been the ravings of a lunctic. In fact, Macrae seamed, nativationly arough to home had a surplices of the Parting down the diary as the decier returned to

the signal-room, Cautain Exercit could

"Wall, have you found the snot?"

"Yen, sir, I've found the grave," was the reply, "Then that so for verifies his report but it is necessary that our arrival and discovery should be reported for the information of the Admiralty. I believe you are a motorist, Anderson, and no doubt you can re-charge with petrol and start the en-

Whilst Dr. Anderson Engled Menself about this. Coptain Evered wrote out his report for descatch This concluded, he turned to the doctor.

"That a year of same sort should have harmoned

dual is beyond my worst anticinations. What do "I can only repeat what I have before said. He

must be brought on board," said the dector, "but I have little hope for him! "Then," was the reedy "when the remost to most and the relief staff landed, you must take him on

reportile. Say he is in a symmtose condition, and too ill to remain here. With care, his neguliar state need not be made appearent. The absence of the other two will not be spoken of, and there will not be much to sall special effection to the effets areand the grown

The Intered Operator Token on Board the Mayel EAVING Dr. Anderson to observe of the sta-

I and returned on board. He explained the attnotion to the officer about to take sharms and sent tion was again in working order. Under the excuse of waiting until the repairs

randered necessary by "the recent explosion at the until surned. In the failing light the "injured" operator was placed on a litter, and under the dector's appereision, brought on board. Long before that,

Cardain Revered lead brought Macracia diver owen with him, and now west carefully through the intter part of it. He was quite convinced of the trath between Wilson and the Chinaman. There were most dies. The former had been first written in shorthand, in the manner a mension is taken down as received, which, is fact, it pretended to have been; and had oftenwards been re-written in large hand. The outer under the several date, the last

enter in the diary, was still in sharthand only. It was the former that had been considered by Cap-

tain Evered, when so the island, to be smoof of the A son on the subject. "I should like you," to said "to run through this entry of his. The poor fellow seems to have had the most extraordinany abusion one yould imagine. What do you make of him new?"
—"Abusinety me others, in my opinion, if it is trunce, it must end in death, with probably nathing to show the precise meaning of the circupe. De these writings of his throw any light on have be caree in the position in which we found him?"
—"On far as it is written one, in on have be caree in the precise in its written one, but of it is a probably and it is not in the probably and it is written one, but of it out? read appeals, and I rather hesitate about patting it in the heads of any one one heart who care.

"Well, an yeu prepose to head the papers to me. I'll see what I can mike of it. If it? Pittama's and fairly well written, I think I may be able to make it out, and if you with, I'll write to not for you." "Thanks. If it's anything like the record of the day provings. I contain I should like to see it, while deturned though it to. But take it and read it. Its very existence, from beginning to one, shows how wall? We was for the secret service of one of those saidtes. Where this makene began I know you to

decide. At all events he seems mad enough towards the finish."
"What do you suppose caused him to less his resson."
"I don't feel the inset doubt shout that." said

Capinn Bevord. "He was a young fellow of condécable ability, but of the nervous, insignative ort, manited in any case to the life incidental to such a post, and when the cernel hoppened that left and the property of the property of the property laws been trying to any one, he simply went all its places. However, read the first part of this, that is already written out, and tell me what you think of The property of the property of the property of the Therman and army disorders but already has the

berötht, of his profession that had goodal attraction for Dr. Andorton, and the wagaries of unkinged and abnormal minds had been a particular study of his. It was, therefore, with obscittle internet that the profession of the profession of the proing the part that has already been regeated here, the came to the point where Macran, in the signalrecen, finished his duly only or latter with the actived intertical of pedge to the internance and

his own words, "no though called upon" to do so.

The Mysterious Voice

WHAT Dr. Anderson began to read in his cabin ran as follows:—

It is not very agreeable, my dear May, to

V II is not very agreeable, my dear May, to write what I field must inevitially make you to be, less one to be perfectly mail. And will you be full wrong? That is the question I am containtly adding myself. At all overte, here are what appear to me to be the cazet particulars of my experience. After finishing my letter to you resterday. I

want museum by settly or perfective, y extensively a water and piece on the headploon, without heaveting must be first on the receivers were covering my own I heart a roles, and I fe a rose oftroot is on a very peellier wise, very phenant and museus, but quife different comehor from any I had ever board. It said, "also cross, are you there?"
Having museum, I was supprised, after a short Having museum, I had supprised, after a short

it is agreed in the same minore and defent. There was a subpossible of the control of the cont

tion, as though I had not been heard. But then it

occurred to me that I had replied in a very low tone,

instead of the rather loud and distinct meaner of

speaking we are instructed to use. So I endeavored that time to reply louder, but found that I seemed

to have almost entirely last my voice. I could only

i answerds, "test I kan oftending, Who are year? Once nonce the same question come through the receiver. While I and still, wondering what I should no about II, the weller going angia. I had been heard, And now, doze May, try to believe me, however different, Touls, whould I doose such a terrible lines as this for remarking? Not either this great manwell has raisly happend, or cale I arm—but no! I must, must knop new that iterrible thought.

The Strange Message Bron. As Unbrown Source

HER wise rask, "You attend! Now, Hitler, and do not be induced to leave the instrument, or fall in the cleant attention, by the anymine of what you hour. Also understand that air member will elspee before any answer can reach you in reply to raw question or remark of yours. I are not speaking to you from any point on your planes, but from your meant anterboring words, which you call

"This "I laterquied, "you called me by mano", "This "seek on the voice, "its a event in the history of year world, the limease impectance of which, others of your follow-brane will be much within, there are your follow-brane will be much within, there are more advanced in guideline the partiasts to year world than ours, in view of the fact that we are more advanced in guideline than yearsalves, and have therefore less than the contract of the

speak to rue. Yes: I called you by story) Wor do not remember, but we have been it conversation already for twenty hours—as long as your seature could held out. This I will at once explain to you. "What you call radio telegrophy is the humching through space of elebert impulses, which this relative to the humching culwant from the generaling centre indefinedy in each world from the generaling centre indefinedy in each proposal of universal. Unlike symmetric feature are proposaled in universal. Unlike symmetric feature.

cutward from the passenting centre indefinitely in all directions. The mailiam in which these impulses are propagated in universal. Unlike round gignals, which, propagated in the air, must be berriefed by the atmosphere, these effects of grashs have no definite bounds; they are easily deceedable here, and much further. Cansaquently, your radio conversations, have been enjoyed listened to on any world, and have

rd arcused an litherest that you will rearroly unferer stand.

If "From a tilm, theatands of years before your to recorded history commence, we have desired orders with you. Burting all these ages we have the heen able to see you, but not to receive to you. The 302 AMAZING SI
we have ardently wished, not only that we might help you forward, but that we might have the means you of splring a thousand problems relating to your so is

incomprehensible 'lumane' anture, so denoted by your acts. So, although the enthete-ensiter of most of your realise, not seen to see a real the legislation of your profess lens to cover word a produced inferent, laterphonetery Telephoney.

W JERN, no land, you discovered telephony we recognized that enterensication when you can the lens of the laterphonetery Telephoney we are produced that enterensication when you can feel the later than the laterphonetery and the later than the laterphonetery and the laterphonetery and the later than the laterphonetery and the later than the laterphonetery and the laterphonetery are laterphonetery and the laterphonetery and the laterphonetery and the laterphonetery are laterphonetery and the laterphonetery and the

HRN, at last, you illesowered telephoxy we recognized that communication electronic point in all the control to all the control the c

as controlled by hypactic infrarece, we still hoped success might be obtained.
"The difficulty, however, of bringing this about remained unconquerable, and, in the event, chance when he derived it.

"This chance depended on the accident of one of your own particular nature or character being thrown by awaented electrositances, and your lealated position, into a mental condition, one symptom of which was as abnormal functional annihation of the sensorial graciple.

On the sight of that row and Orother It in the continuous of week and the continuous and the continuous and the size of the continuous and the con

are not all—but of that, another time. It may please you to legow that, although at present an undistinguished individual on Earth, you are at this moment the meet calabrated on Venue,"

The Voice Said, "Yorr Nearest Neighbour"

The Poice seased, and can you wonder, dear
May, that works in reply failed me for a
fine. Among a hundred thoughts crowling
through my mind the one which persisted with most
force was, Could this be real! "Your nearest neighbour," the voice said. I do not know what it means. STORIES nead I cannot blame you that, tike ony one else.

you will be driven to that conclusion. It must be so much easier to think that treatls has driven another peor wretch out of his mind, than to believe that some one has spoten to him from the stars!

After a time—I do not know how long—I pulled unguist legalbar authinistly to make an amount. I tried to speak that the receiver, but found that I could only speak in the same less tens as before. "Flows for the rest," I make, "If a result only have prome fact in consequence of an appeal state I was prome fact in consequence of an appeal state I was a result of the receiver of the result only have prome fact in the receiver of the product of the I would, I could not raise my vote. Plantly, I gove up the sixtempt, and and depicted at this importante while I saw with now had but the vote became to

speak—to ensave? I was retembed that as live a tome should have been effectual.

"Became you are still in a 'special store,' as you call it,' the vice said;' that is, under so,' branched entry, as entailed by no all our first you call; the list interview, and that you can so cally speak in a low tone to me. To other you care to this interview, and that you can you care to this interview, and that you can you care to this interview, and that you can you care to this interview, and set you care shall be interview, and set you care shall be interview. The story our care to this interview, and resirve all the you can be set you can be set in the set of a point a low you can be set you can be set in the set of the set in the set in

fellow-beings can hear you, and you alone can of curse hear not."
"How then are others going to talk with you?"
"At first through you, then, I hope, directly, in a way you will see when the time consai."
"But no one will believe rise. Every one will talk he mad, rather than suppose a human wrise has

recoded me from such a distance."
"There will be no differely; at this, or subsequent interviews, there will be plenty of adheed-matter in your notes, that it will be wrident the net exempts from you. But do not say 'a funsion voice'; you

in your noses, then it was no evident into not end, and after you. But do not say it human voice'; you must not suppose me to be in the least human."

It is Venus That Has Been Spending to Stadon X.

IAM are you then ?* I still, and does May, you have no iden what a keerfile history ran down are prize as I tokant. I had become shreely a little accustomet to the range mescal voor, and, drawn by it, had, I think, all amountations, began to potente as follow-being speaking to me from this other words, not without openating to me from this other words, not without openating. But now all that feeling fasheastly varieties, the contract of the size of the size

"Tan, "anywered the voor, one of the december ing race or Venus, but as you are on, of the december ing race or Earth, and do not be surprised or of fended when I inform you that, were we on your Earth, and able to live there, we should, by virtue of our greater Samelia powers, have no more difficulty; in decembering you then you have in decembering you then you have in decembering your house and ordio."

If this is true, May, thank God for the gulf of distance between us! White speaking of distance, do not forget that in these conversations there is always a wolf of about six minutes for replies. If, it gives me some idea of what it must be. In sigus as information of practical basefu to ourselves. nalling Queensland or British Columbia I have On hearing that the present conversation was about to end. I said, "Will you, or own you, give me some "How is it then," I asked, "that if you are not a proof, that others will accept, that this conversation human being, you speak to me with a human voice?" has actually taken place, and ig not morely my own "A very reasonable question," said the voice, impagination?" "showing that you restite that the sounds of bu-"What kind of proof do you suggest?"

STATION X

man speech could only be made by human, or in some measure human-like organs. But the conlaration is very simple. When first radio telephony was invented by you, that is, when first we heard your haguages. (That you should have more then one shows bow crude is still your social-but of that later.) Our port care was to make a machinism that could give out the sounds allufed to. This I empley as you might play on an organ, and it is

sounds so produced that you hear," The Wanderful Intelligence of the Venue Proule

S I listened to these last words of the voice I felt a lightening of the load of dread the auspicion of my own insenity, that weighed spring up spontaneously in my head. Some one, appropriate one communicating with res. "Until you used radio telephony, we were ignoreach other; and it seems to be practically sounds abute that you entriev-a curious limitation!" "But," I said, "yen could not us before that? You knew that this world was inhabited?" "We have known it for a bundred thousand years, and more, and during all that time have been close

globs, placed as you are peculiarly well for our conduction. While we were still not, on the whole, already constructed as instrument which enabled us to do this. The fact that you have not yet done so is because you are mentally constituted in a totally different manner, which inclines you to devote your study and efforts in other directions. That is to say, primarily so. The observation of nature, and the universe in which we live, would appear to you of infinitely less importance than resitors which, to "I am serry that I have not had the time to study these things" I said, "but I thought Mary was the nearest world to us, not Venus; and I have seen some talk about its being perhaps inhabited. I

should take an interest in science, but I have had no time, with my living to get." TO doubt," said the voice, "but your samuels will be under no misapprohension as to the relative distances of Verez and Mars. You have som more respecting Mars because it is better placed for your observation. I can inform you that it is inhabited. Of all the things we shall

present conversation is new nearly enfed." This, of course, seemed very currenteless to me, and I cannot now see at all what it could mean. It

"Something that could not be known to me in any other way, as, for instance, a description of the thing you said you could see us with so love son. when no elever er then we are. Nobody could believe that I had invented such a thing as that must be." "Very well! As you may not be able to delless all the description, which I must render abort, write

with care the words you hear, so that others may be able to understand it, even where you may not be able to do so "Given perfect workmanship, the power of a teldscope depends on the eree of its objective leve.

This is not on account of any apperiority of definition, but on its greater light-gathering power. The image it profuses is capable of greater magnifica-tion because botter illuminated. But boyend certain moderate directations the practical difficulties in the of prepartion to the extra area. For this reason our seconds turned their endeavors to the discovery of some way of making a number of objectives, arranged in series, yield one perfect image of the

Double Refraction and Pobrimson THERE are certain crystals, which probably

you have personally never heard of, which are foulty refracting. When a single ray of light enters one of these crystals in a certain direction it divides into two, which proceed in diverging paths and emerge as two rays. If the ray or beam of light entering the crystal carries on image of some object, the rodes of the crystal can easily be so cut that both the emerging bearns carry perfeetly the same image. Conversely, if two rave enter the crystal in the paths by which the first mentioned loft it, they will unite and emerge as one "The rest is obvious. A bettery of objectives and

an many intervening crystals is arranged. Into each intervening crystal error two beams in the recylide paths mentioned, the one of which comes from the object direct through one of the objectives, the other is the emerging beam from the crystal next before it in ratios, and which is the united beams from an objective and the crystal still next before. By this means the beam emerging from the crystal last in series is composed of the united beams of all the objectives, and, if the manufacture and entired areagement is perfect, will carry a perfect dragge of the object, with light in proportion to the united area of all the objectives. The arrangement of the miner letters, and the method of dealing with the polarisation, will be so obvious to were speak of, this is the most vitel to you. But we will colicians that it can be been emitted?" "What," I said, "Is polarization?"

"There is no time now," said the voice, "for furtants of Mars could be of much importance to

ther description, and the fact that you do not know, renders my description the more valuable to you for the purpose for which you soked it. Your people will know all about it. We must now cease 304 AMAZING STO

til to-energow at the same hear as to-day, when you still come again to the instrument."

Gening to the End of the Dislogue

O there our convication, eased, and I and no more that, that is carries feeling as to mere in fact, that is carries feeling as the convergence of the convergence of

home being at full. What, I woulder, on a be used I do not I do not be the I do not be I do no

End of the Dirry

WIGH a few leve sentences, principally experiments the device for an early remine, the next of the state of the state of the state of the next day, and precising at the humar agonized by the weige, evidently in agric of Macrosto resides to the sentency, a further conversation but distinguished the sentency, a further conversation but distinguished the sentency, a further conversation but distinguished and, within the object of the sentence of

working of h, the drow special and Lufdenin November, which Ansierum World Aproxim Hot de light and the state proceedings of the state of the state

ithing thing I've over heard of. Yet I suppose we can secret his own version of it!"
"Well, you know more shout this kind of thing than I, but to me it simply reads like the ravings of a breath?"

"But these are not ravings! What he has writin as the words of the voice indicate considerable

scientific knowledge, and if Macros did not himself peasess it, the theory of his readons would not account for it. Let us dissert it a little. Either he had, considerable scientific knowledge when he

"My dara Austrean, I matched that closely during a large varyage while orderwrings the establish better relations between hits and pose Wilson. I had never can essewarations with him, and sirve hes out, and you may absolutely rely so it that he was fast as tween the control of the control o

"Terhaps," pursued the dictor, "he took books with him and ctudied on the latend" "Nothing of the hind was kudeds" "Or he was instructed by Wilson during their gares time," ungreated the dector. "Alicalists," out of the question. Wilson would

s soon have thought of instructing a measurain let."

Discouning the Conclusion of the Disry

THEN he has been in wireless communication with some one, semowhere, who has thought it worth his while to held this conversation with him; that is the only explanation of this," and Dr. Anderson, troping the manuscript heters him.

"There are," stall Captain Forence, "only two tax tites on airth both have the necessary appraisa for eccommunication, by the phone, with Ration X. No cone at either, values on and an Morean Minsaid, would venture so far as to contravene the regulatives for such a purpose. Ultra the Morea of Mensio, the departs of say vasael within a wife range are recrived, but it is devidable to survey. Therefore, if crived, the residiant to survey. Therefore, if from astrophony, we must, it seems, accept the varsion of Justice, or wherever it is to existing it for

Anderson did not join in the Coptain's Isagh.
"NON, then," said Captain Bivered, "on you will
not, I see, accept my simple explanation, tell mu
what it is in his account that causes the difficulty."
"Carridally. Did you solice this secount of a

"Cartainty. Did you soite this account of a kind of compound tokescope?"

"I naw there was some description of seconthing in that woy," was the rophy; "is there anything in

"To not toy it is weekable; in fast, is not opinion it is see, but it is not in understanding, and his theory is all right. The difficulties, although goodship fails, are sarely medically as surely medically. So far all on me sours, the idea is quite now. In the header of superior beings, such as this Veserlan claims though any mechanism difficulties would disappear. So that, in the fair plant, the sincy bears (neglect of the control of

posed to be speaking, as being in Macrae's style?" "By Joyel Anderson, you are right! Now this really is interesting. Perhaps this shorthand that follows will throw light on it, as well as on his reported condition. By the her I have it could led much lenger. It becomes increasingly difficult to I am glad to me you are at last interested. But there is a task before me here. It is so long since I used Pitman that I have almost forgotten It proved quite as difficult as the doctor expected, and it was far into the night before he had fraished.

to the backward state, socially, of us terrestrials, in

not adapting a universal bureasen and on other

social questions. Can you imagine them as emurat-

ing from Macroo? Speaking of languages, deep

CHAPPER V Cantain Evered Gets the Transcription

before it was done.

THE next murning Dr. Andrews Panded to Captain Ewared his transcription of Macraela shorthand "What do you make of hi?" was the question as they wolferd towards the cardain's cable. "I'd rather not say until you've read it, cir," was the response, "lest you think me mad as you think Marrae. Now I'm going to turn in. I've not long

In applye to been Marmala condition from the crew, and for the doctor's better private observation of him. Anderson had olyge up his cable, and was for the time accommedated in a screened-off

Transcription of the Mysteriyes Communication APTAIN Recrud about himself in his cabin. and unfolded the manuscript which ren-"Are you there, Marrae?" "Yes, I am here, although on thinking it over after our talk vactoriay. I decided not to ba"

"I decided I would prefer to leave it until there were others here with me. Since you told me I was not listening to a human voice, I seem, somehow, to shrink from it; it is unearny. Also, some time after I left the instrument, the doubt came back. that it might be all a defraise? "So you decided not to come to the instributent for this appointment, but, as the time approached

and you felt inclined to attend; is that so?" "Well, you that is exceptly how it won." "Onite so; that is as it should be. While you are talking with me, do you entertain our doubt of my

"Not at the time. I can distinctly feel that you are somewhere; that there is some one besides "Exactly. Across the abyes you feel my personal

mind on it will help you to understand. For the How urgently you are in need of our assistance you are about to learn; for it has been desided here that, in view of this wonderful opportunity, which aerident might interfere with not another day should be lost in accusinting you with the particulars. As the message is not for you alone he were careful in your written report of it. Now listua attentively. A Warriage from a Polandly Clause

trouble you. The cariosity that will daubtless exist

among your follow-brings respecting us shall be

fully satisfied later. For the prepart, try to realize

"In view of what I am about to my to you. It is essential that you should keep that fixed in your

who is glothed with it that alone significa.

TERRIBLE danger threatens, from which A nothing but the fortunate account on po-"That was should the better understand what

recogning to you some long must events, relating to life in other worlds than yours or mine "The resutery of the origin of life, like that of tration of the crudity of your bless on the subject

bolited. You now have proof that one other is so, and must take my word for it that there is good reason why no planet under such ferenerature and other conditions as render life possible, can remain "But there have been times in the past when such conditions have not obtained, when the various

to be receible. In consequence of the more rapid cooling of the smaller planets, the first to be the reene of life was your satellite, the Moon. This was millions of years are, and the chreatic conditions on it then were very different from now. It then holl abundant afresystem and hamility and afforded a site for life development long area before your

world ar ours, was an audted. "The meetighte result under those conditions followed. It became covered with a morriad forms of living creatures, out of which finally emerged one, by virtue of its mental superiority, combined with sufficient hedlir fitness, to deminate all. In obedience to the hows of development, this race advanced

to higher and higher popular attaining a position similar to that held by you in your world, and by us in ours. New you wrest compains the large of a west period of time before the erest transity, of which

I am about to speak, took place.

STORE

"I N the current of unambrood thousands of price, the learnants, or see will call them, physical, the bearsants, as see will call them, physical, the beread subtra-vision or own at the present day. At that thiss the Bath and Verne were still without other than the bower forms of life, in consequence of their more recent lathifidely. The only other phose where this had now at the content of the

"The Moor was pillably growing old, and asinted for the say pillable growing for inhabitants. As it had been the first to is babitable, so it would be a fine of the same of the same of the same future occurrent. The near neighborhood of your parts had much to be with it. The lancestons was flexible and to be with it. The lancestons was allogether cease, and induce confitions spart from the inhabitage of stromybers and muitax, impresable for them any incorp to combin. Green which we have been supposed to the same of the same of like only strange, because nowe fermions. In

pulspar the Lamarian, it is the just to resultal influence, and includes of these belongs onshold their to make a mirrar levesteption include the foliac points of a limit include to the foliac Systam, or at hill owner, of the four inthe foliac Systam, or at hill owner, of the four inthermore than a prompt these thick would atford a better know, if attainable? There was onetoned by the contract of the contra

rible narrative.
"The Lunstrians know the double impracticability of transferring their hedies to Mars; impossible to launch thermodyna those millions of miles across the Zodine and live, impossible to certifine existence as

Bettris of the Different Fluence

"Hill conditions of health quite as much as
the conditions of distance, depend on the
unicoccopie forms of the, which team belts
in our boftles and in our surroundings. The preater
pumber of the latter are only innovation because
by boing, ab dairte, accretioned to their action, we
have surprised internative, But these bostcells and
other low forms of life are quite different on flow
from these which are considered for a many form

other, it would be the defenceless writin to unnumbered new diseases, any one of which would be fatal. Yet there use a voy.

"Have you thought of the fact that so far as your will be concerned you are now outsplittly under my influence? That it was an easy thing for me to held."

and its spite of your knowley residend to the conresponding to use and realize in that you had not opide in the matter. That by strately with me, degree, although not perhaps very efficient in kind, from what is known on your Enrit, are or modifies, compared to the prome passand by the modified of the perhaps of the perhaps of the when metter your world nor miss had a reasoning being on?.

"If was an oncy thing for a Lauration to calculry only the perhaps of the perhaps of the perhaps of report, and also only that the exchange ylors without

knowledge? That without even knowing why, with-

to this present interview at the appointed moment,

respect, and not only thus to exchange idea without context physical mans, but even to exchange percentural physical mans, in the rest to exchange perlect the context of the context of the conbolities. But it nod not be with a follow Lumaritan. It could be with any being of sufficiently high menial extent to be brought on the same plane of medial respect, and more physical distance bals robling to cause in was necessary. Once that intercentre ersible that my hypotic influence to entablish this respect, they could comput the weaker will. The ourleast context of the context of the context of the necessary context of effective being exchange with

An Appaling Interplenetary Crimq

"WITO an the deaths of this specifier critical activation are weak, it is not monitory to activation are weak, it is not monitory to the property of the prope

Sen has over lecticed on.

Sen has over lecticed on.

White and beauty, with a faum and from of infinite variety, referedor and novelty, and general configurations of life ministry that extent and novelty, and general configuration of life ministry that extended and noveltake the configuration of the ministry of the configuration of the config

qualiterable, the sattribus institution.

"It must be remembered that each of them, no loss than his victim, now inhabited a hody at least a smatterable to him as his to the poor unfortunate who had been forced into it. More poor the older and

degraded by the more primitive and undersloved bofily form, and one far loss suited, by the modelling effect of area of adaptation, to be the tools of has will. In this correction the reatter of heremans alone need be mentioned, it having to be translated into outirely now arounds of articulation. Time only could allowate these conditions, and the receing of "The source the Martians made for themselves was that the conditions of Lunar life were becomwelfare, to impair their mental powers, to lower, which they were so justly proud. If, they pleaded,

one of the two races must perish, why should not the higher survive? Note that their argument, in speaking of races, discains the more physical part. and deals alone with that which dwells in it for of course, in their transfer, so far as the physical The Martisms Could Not Exist on the Earth or in Versas " A ND now the second. Too late it came to A their knowledge, in the light of the future area, that their previous abede had not

been so nearly unlababitable as they had feared; that it had been exculated to last as their abode as a race, recaible of habitation, until its greater comincreasing difficulties of lunar existence were exartly calculated, not to destroy, but to atimulate until their physical transfer to Earth was nosable; that their growing science would have been in good time sufficient to carry this out in a perfeethy legitimate way, by hunching their bodies arross the comparatively trivial distance to their of life on the Earth and its antellite are the same "At this moreant, so great has been their scientific

advance, that the problem of making the isuracy and arriving safely on Earth, not marely from the Moon, but from Mara, is within their shiflity to latter, he fatal, as Martian organisms could not exist on Earth, or, we are thankful to say, on Verne either. From this natural and happy denoucement they have, therefore, forever out themselves off, to their eternal regret. They see the error of the cari deed of their ancestors, but do not see any way to assoid its connectmence for any deed loss sail. But they are as anxious to leave Mars as their ancenters were to gain it. One reason is that from the moment of their arrival on Mars, a result that they wholly failed to foresce, they have intellectually

estated to advance. Scientifically only have there advanced; a very different thing. The other reason The Fall of the Lunariere

EFORE the full thought occurred to the Lorarisms, they were, it all respects, an adventing and a noble people; natural being not apparent. Whepever their gaie might fall on the worlds around them, they could see that there ever kept page with their intellect; their stupendour energy was always equal to the heightening struggle with Nature. The meeters they gained over their clobe and its conditions surroused routes As water, and even atmosphere, began to fall them, the enormous circular reservoirs they made for its conservation, and which must be so plainly visible from your Farth, stand to this day, in their roof-"It is now maddering to the Martian, still immeasurably our superior, to see us ever advancing however slowly, however painfully, ever advancing on the road where he stands motivaleds, destined From the days of his forefathers' impurity his former mobility meens dead. Has intellect, yout on it is beyond our power to measure, seems no itenzor harmonized to hugh ideals, but to self, which to probably the reason why it is stagment. "And now we come to your danger, and, with

was nothing equal to themselves. Their industry

your mind premared by the bestery to which you have listened, it can be Stated in a single contence. Abrupt End of the Manuscripe FERE the aborthand manuscript cassed abruptly. It was evidently at this point A that the occurrence happened, whatever it might have been, that caused Macroe not only to

rease his notes, but to fall to the floor in the remarkable condition in which he still lay. For some manutes Captain Evered and graine crty and instructed him to ask Dr. Anterson to come to his cabin at once

superior, "Sit down," was all Captain Evered said After fully a minute's pause, he continued: "Mad as a March hare, what?" "I question it," remarked Anderson dryly, not "But the follow didn't know what he was writing about," persisted Captain Record.

"Well, sometody did!" said Anderson culethr "I don't think you can road this over carefully, and suriously believe that it hears one removidance to "Great Scot! You are not talking me that you believe this story?" "That is hardly the question, sir. I think we

may leave the truth or otherwise of the narrative on one side for the moment. The constion is where did it come from!" "Well, it came from Macrae, of course. We can't go bryend that." "I never any Macran to speck to," said Anderson

acter, and his edgestion, or rather, lack of it. I nopointing to the papers in Evered's hand, "touches other sciences, and always after the manner of one tainly impossible to one so entirely apparant of them as you know Macron to have been,"

Dr. Anderson Issued back with the air of a man who challenges confutation. "Quite so!" said Captain Evered. "I see your point. I'll so through this again, and we will have a further talk about it. What is your theory?"

"So far, I have none, sir," replied Anderson; "hope whatever! I'm completely at fault!" A Theory Secrebed for to Solve the Musters 'N the course of the day Cardain Evered read

Macrae's story again, looking out for the different points indicated by the doctor, and he realized the force of his observatious. "Anderson is right," be muttered, "Macrae so

more wrote this cut of his own head than I didcouldn't have done it. Who the devil did to:" Captain Evered had arrived at the same point praviously reached by Dr. Anderson, The dector was meanwhile curious as to the re-

sult of Everod's further study of the document. Towards evening he was part for. "Queer thing, this radio telegraphy and telephony, Anderson," said Captain Evered, as the doctor entered his cabin. "Do you believe in the planets being inhabited?"

"Professor Rudge is firmly convinced that one at leust is. He considers Schiaparelli's discoveries to have absolutely proved it so far as Mara is concorned. He wonts in fact to try and signal to there. in some way. Other scientists are convinced that,

if that planet is not inhabited, it shows many signs that it is not uninhabitable." "So Budge wants to get into communication with there does bu? A receible descerous provincione according to this," said Cantain Evered, tanoing the

Their eyes met for a moment. The doctor ra-"Look here, Anderson, I believe we're both agreed over heard, and also that there is some mystery about it that wants clearing up. The infernal thing has been renning through my head all day, and I

am no forwarder. Are you? "Your case, sir, is mine exactly. I'm stuck," An-"Then what coult I to do?" "If you really wish to know what I should do

were I in your place, sir, I should ask the Admiralty to trust some eminent scientist, such as Professor Rudes, whom we fast montioned, with the secret of the Station, and place Mayora's writings in his hands-and so wash yours of all responsibility," "Gapital! That's what Pil do. There is a further point in its favor. Professor Ruige, as the inventor of the method of this new system of telephone without which these long distance installations would have been impossible, was called into con-

sultation when they were contemplated and their sites chosen. He already knows of the existence of "Then there can be no difficulty. I only wish in addition to placing the papers in his hands, we could place there Marrae also, poor fellew."

"You still see no chance of his recovery? If he is not actually dead, it cannot be quite hopefees, can arrite correlated he will not receive but in-

Here their conversation was interrupted by some "Come in." said Captain Evered, and a sailor put "If you please, sir, Mr. Marrae has not out of his bunk, and is walking about the ship in his binniet, saking for you, sir. He seems a hit dozed like." "Ye gods!" muttered Anderson, as he and Cantain Evered left the cabin.

saxsibly merge from his trance into death," said

STORIES

Anderson, with conviction,

one knocking at the door.

CHAPTER VI

TEVER was a medical man more pleased at

a wrong diagnosis than Dr. Anderson in regard to the mysterious case of Alan Mucros. To the natural estisfaction of socing the return to life of a natical of whom he had demaired, was added the anticipation of probing further the interesting problem that now engroused their thoughts. There was now a charge that he would be able to investigate for himself, not only into the mental state of Macrao, but she into his character and at-

talaments, and so definitely satisfy himself as to whether this alleged communication had taken place. its possibility was far from scientifically abourd. and he knew that in this he was harked by some of the most eminant accombints of the day. On taking charge of his patient, he at once any that the poer fellow was not so much "dayed" as excited, and it was some time before he could be spothed-not, in fact, until it had been explained to him how he come to be on board the Sacritia. Dr.

Anderson answered his questions while outline him as exickly as possible back to his cable. Macrosthen gradually esimed down, took neartshment, and stere, theretis relieving Dr. Anderson from the fears be was beginning to entertain. A Quick Encovery of the Operator from His Catalyptia

FTER this he made a quick recovery, showing that there was nothing organically wrong, and that the elasticity of youth had not been permanenthy impaired. Two days charged before Dr. Anderson would allow his putient to be quertioned as to what had harpered to him in the sixnal-room of Station X. Marrae on his next should no disposition to discuss the arbiest. It was needle on account of this tacit avaidance of it on the invalid's uset that Dr. Anderson deprecated the subbeet being forced on him too room, "The blow," he said, "whatever it was, was struck on the accrease system, and if there is any denser for him, it is there we most look for it." Toward the close of the second day, Marran nouncil so fully bitmedf again, apart from some physical weakness, that the doctor decided that

there would be no berm in a little judicious questioning. He had already convinced himself that there was no trace of insanity is his nation He thoroften determined to accertain if Morrer were really averse to apterior on the tente, and, it not, to prepare him for a visit from Captain

"Surely, sir," and Marrae, on seaing the dector enter, "I am well enough to get up row. In fact, there is nothing the motion with me except wallness through lying here so long?"
"And not having had anything to cut for a week before that, my lad, you might include that, eld? However, I itland to let you leone humarrow. You

However, I intend to let you loose tomerrow. You must not think a couple of days' ropt and judicious atolaing too much after your 'experience. Talking about your experience, there is no wish to press you to go into that subject before you feel well enough, but the Cuptain wants to have a talk

with yor.

"I have been expecting this, sig. I must of course explain, sithough the thing I shall have to tell has nothing to do with my official duties."

"What thing?" asked the dector.

Taking is Over with the Operator

"Y experience on the island, nir. It's no
strange that no one will believe it. I can

change that no one will believe it. a can pleasant to know that I shall be looked upon as either and or a line."

"Ber's be so sure of that, and you muta's regard your tofice with the Coptain or us as official canonications. That will, no doubt, come later in Lordon. You shall fell us turn as made on a little

as you with, and on no account go into anything that will undry earlier you?"
"When speaking of it, air, I would prefer to tell the whole thing, but I don't quite knew how to begin. The Captain of course knows how I came to

by alone on the inland."

"Yes—ah, here he is!" he broke off, as Captain Evered entered.

"Well Macron." he said, smiling vicasantic.

"Yell, Macros," he said, sminng pleasantly,
"Yell better?"
"I am all right now, I think, sir; but this dreadful affair with Lieutenant Wilson, and the mysteries

on top of it, have been a hit toe much for ma."
"You were surprised to find yourself on board the Sayitte, I expert?" suggested Copinin Everal. "You sir. I did not smoot that."

"Do you remainder all that took place at the station? Of course I have soon the official ercord, and have also bound through your pervants account of your experiences. I am afraid it will have to be impounded, so it contains overall things that might give away the position or the station if it fell into

mpreper hands,"
"I'm very norry, sir," said Macrae, coloring, "if
"I'm very norry, sir," said Macrae, coloring, "if
"Pee dens environment,"
"Not intentionally, I am our," said Gaptain
Everol kindly; "but pechags you have not quite
realised the extreme cautien requisite. Tomarrow,

probably, we shall be baseling you at Hang-Kong, Hermomer the assert mergeneously on miles when signified on not to communitate anything to an ununtherized porous in any way referring to Station X. We will speak of that signifin the mercine. Fast now the Anderson and I with to have your list macollectors on the kirlend, Can you tall as how you cannot be not we found you? In our work of the results of the communitation of the communitation of the miles of the communitation of the communitation of the part of the communitation of the communitation of the but the part of a sense at lot of the same a lot of ear

planation now. I can guite well see that any one

reading what I have written must naturally put me down for other a har or a lumatic Bot I can solomaly assure yes, sir, that what I have written is the trath.

"You remember all you have written?" asked Captain Breach, "You remamber having convenitions with some one who informed you be wan spanking to you from another plant!—in thet, from

"I remember all quite clearly," said Macrae carnestly, "and I have written down the exact worfar that passed. The last conversation is still in short-hand only. If you wish, sir, I will now write it out."
"I was about to tell you when Captoin Evered came in," said Anderson, "that I have transcribed."

your shorthand. So that brings us down to the point where it and so shrughly."

The laterroption of the Communication

A CRAB besitated for a moment, as if loth

M ACRAB beofisted for a moment, as if loth to enter upon so distinstinful a topic. "Fee," he said, at length, "it does leave off soddenly. That was when the interruption

"The interruption?" said the doctor. "What interruption?" and began and ended in a few secorals. I scarcely leave how to describe it. The voice was apealing to me, and segmed to be about to warn me of scensible, when suddenly there was another voice, a greater vect, abl a voice."—Morens

ant up, and his heavers were surprised to see the look of awe that came late his face—"I cannot describe it. It seemed to have great authority." "What did it say?" said the doctor.

"What did at say?" said the doctor.

After a passe, during which Marrae was ovideatly turing his memory, he said:
"I cannot recall it. I seem to have a sort of re-

membrance of something; that is the only way I can say it, but it is misty, all owered up. I carriremember the works, only the voice. Seeing the examination had proposed as far as was good for his patient, Dr. Anderson half rese with a view to close the conversation, but Outsian Everyl medicined him to all founs cares. Be then

"You said, 'a great valee,' Do you meen a louder valee, one that you could have more dustinely, and which drowned the other?" I don't know that it was a louder voice," said Macrase, 'but there was something in the tone, the force of it, that would make one attend. I can't describe it are more."

said to Macraet

"It had a great influence on you, then?" inquired Captain Evered.
"You; a great influence," replied Macras, with an involuntary shoulder.

voluntery shudder. "How long did it leat?"

A Vision How-Oblide

T once there was an interruption from the
first voice, and sounds life a dispute, but
and in words. It all beam and coded so

A not in words. It all began and ended so quarkly, that if it a sort of jumble in my recording The only thing that remains clear is that the vector came through the instrument, and spake to me at the same time. Although I can't remember the words I know both seemed to scort an influence on end voice was raining. Then there was suddenly on the back of my head. The next thing I know was

me. The one seemed lighting the other, but the eccfinding myself on board this akin," "That is sheelstely all you know about it?" oues-

"That is all, sir," "Try and forget it for to-night," said the doctor "Get to sleep as fast or you can, and to-morrow get

They wished him "good-night," and left the cahin. For hours the two men talked in the privacy of Captain Evered's calus, but they ended as they began. Each know that he was half earried away by the dence of the report itself, and his evident sincerity.

even to himself, much less to any one else. "He seems perfectly same to you!" questioned

"Quite so; as rational as you or L" was the re-"Well, I chall follow your advice respecting Profeeter Rades," said Cantain Reyred, "There should he no difficulty in his soung Morras. We shall land

him to-morrow, and from Hong-Kong he will be invalided home, accompanied by my report, and, of course, those writings of his. I shall report him an not, in my opinion, suited to this kind of service. You will be able to enforce that."

"I can," said Anderson. "Morroe is one of the aubjective sort. Did you notice how full his diary "Reactly. By the by, what did you make of two

"Well, I surpose two voices are not more mysterioue than one," said Anderson, "If you can believe appear to be disagreement sometimes, even among our friends the Venerians. There's a party, I sup-

pose, who want to have nothing to do with un." "Probably," smiled Captain Evered, adding, "I intend, in addition to suggesting that this necount of his he submitted to Professor Rudge, to drop a him know there is something in the wind. A Goverropent Department, my dear Anderson (being in blembersy), will so about as far as it is kicked.

The Operator Returns to His Sweetheart

on him, and his spirite rose.

So it came about that Morrae found himself on the honeward journey much before he had anticipated when leaving England. It did not exhibitate him, as he was oppressed with a feeling of failure, without being able to see how he could have done differently. He was afraid that who would be looked upon as a preposterous steey would find him even home employment. This feeling of depression lasted until entering the Ray of Riscay.

and her welcome completed the care that northern involuntary question that fact was keeping from her lips, and he wondered how he was going to answer it, seeing that he was bound to secrecy. station, and there eould not be any breach of trust

A telegram advised May Treherne of her lover's

unexpected return, and she was at Portamouth to

the statum-house, his fellow workers had been murdered, and he had returned to find their dead fallen unconscious; how, in consequence of the shock to his system, he had been rebrard, and placed a home station. He added that there were some other details which, in view of the strictness of offirful swrecy he could not divulze. She was borrifed at the tale, and slone to him in

"Suppose, dear Alan, you had been at the etation when those weetches munlared your compansons. You would have been murdered too, Oh! J am sind was are back in Rootend. When I get your

telegram I was awfully surprised." comething. It also seemed to have loosened her tongue, for now he had very little to do but he a noticed listener, and hear a full account of hea

somewhat uneventful history during his absence, The Government Investigations in London

WARAT exeming May Treberne returned to Phymouth, and Magrae proceeded to report himself in London. The next morning he pre-

cented himself at the Admiralty, and was given an port respecting him would have been read." He then found himself not through a very searching examination, for there had been considerable nervoquees that some others of a possible enemy surprise to the officials to find that after the most exhanstive questioning, nothing could be gleaned to lend color to this suspicion. It was obviously a relief to his examiners to find

took place as officially reported, first by Magras himself, and afterwards by the Captain of the Saritta. For the rest, it had of course been a curinarvous shock. His diary was confernted. He was reprintended for having written it, and especially for including expressions that would serve as indiso long as no further indiscretion was committed, when grey skies reminded him of his native hills daty at the end of a month, granted as leave of ab-The wind of the Atlantic, with a tooth in it, bless

\$5000. The pext day found Macros at Plymouth, and now appeared the windom of Contain Purrel in

writing to Professor Rudge; for had be not done raw's experiences on the seland of Station X. formation, but enough to make him want to know more. He had an interview with the First Lord

was placed in his hands, with the request that all hounded astormhment. When he had read the narrow

a second time his mind was made up. He was a man of oxick decision, and equally quick action The next morning Macrae received a letter frem Professor Rudge, enclosing a remittance for expenses, and asking him as a favor to come back to town, and call on him at his earliest convenience, "with a view to the further investigation of your Morrae that his correspondent must be in touch with the authorities, and he felt hound to comply at once, although not without a grumble both on his

Rayrelaysian of the Operator

GAIN Mergor found himself not through an ing, more detailed, more minute, then any he had had before. Absolutely no point excessed the corners. He was at least as competent as Dr. Anderson to investigate the examines as to his mental health, far more competent to probe his character, peculiarities. Macrae bimoolf described the pro-

Before it was finished be had taken a great likhad tangkt Professor Radge to approach his subject without prejudice, and, under the infuence of his sympathetic manner, Macros opened out and hild himself bure, as he would not have believed resulble. Next, the conversation was turned on the that, on the subject he knew most of, his knowledge

was small compared with that of his examiner. He was questioned on every detail, however apparently Professor Rudge Decides to Visit Station X

INALLY they went through, simpst word for word the communications of "the saine" Innumerable questions were asked respecting the voice starlf. He was very especially essectioned he could not tell why, regarding any necessarity in and modulation of intenstion. He was able to repla the meaning of the question, no doubt the more so Professor seemed pleased at eliciting the informstion that, while the articulation and pronunciation deficient, making the style rather monetonous. A every sentunce seemed to end abruptly, with no fall-

ing of the voice, as though, in fact, it had been in-At last, when the examination somed simust over, Maorae himself ventured to put the question as to what conclusion, if any, his questioner had come to. "I have come to several, Macrose; and so I ob-

perved that you have an unconfortable feeling that that such a thing is not intelligently possible. Even with the greatest desire to deceive, you could not possibly have deped me for a moment on this mot-"The voice spoke to res?" asked Macrae engreiy.

"Undealtoffy. There is not the least possibility that you are yourself deceived in that," replied the

"I am very glad I came to see you, sir," said Macras, with a sigh of relief; "and all I ask now is to forcet the whole thing, voice, feland and all," "Then you ask a great deal too much, my boy!" said Professor Rudge, with a smile, "Shall I tell you how much you have interested me? The best way to do so is to tell you the intention I have ing to take you with me!" (To be Guttinged in the Assount Jame)

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The MAN WHO COULD WORK MIRACLES



The Ray of the Loan Dragon IT is doubtful whether the gift was innote. For my own port, I think it come

to him suddenly. Insteed, matil he was thirty he was a sceptic, and did not behave in miraculous powers. And here, since it is the most convenient place, I must mention that he was a little man, and had even of a last brown, very erect rod hair, a mensioche with ends

that he twisted up, and freckles. His name was George HeWhirter Fotheringay-not the surt of name by any means to lead to any expectation of miracks-and be was clerk at Gernahetr's. He was greatly addicted to assertive argument. It was while be was asserting the impossibility of releasies that prwers. This particular argument was being held in the bar of the Long Dragun, and Toddy Beamish was conducting the opposition by a monotonous but

effective "So you say," that drove Mr. Fotheringay to the very limit of his patience There were present, besides these two as year dusty cyclist, landlerd Cox, and Miss Maybridge, the perfectly respeciable and rather partly barmaid of the Dragon. Miss Maybridge was standing with her back to Mr. Fotheringay, washing pleases; the others were waithing him, more or less awared by the present ineffectiveness of the assertive method. Gooded by the Torres Vedras inction of Mr. Resm. ish, Mr. Potheringay determined to make an unusual

rheterical effort. "Looly here, Mr. Beamish," said Mr. Fotheringsy. "Let us clearly understand what a miracle to. It's comething contrariwise to the course of nature, done by power of will, accepthing what couldn't happen unless specially willed."

Discussing Minedea. The Invested Large T E. FOTHERINGAY appealed to the evelist. who had hitherto

been a silent auditor, and received his tating cough and a glance ot Mr. Beamish. The landlord would express no coinion, and Mr. Fotheringay, returning to My. soles the eather fully reveals himself, and you have the times the sixtie fixty reveal among and you have the rinking feeling that the join is on you. This interesting story should be read at least twice, in arter to not the fallest universals from it, and, believe

ally, although this story may neither before the recogni-tion of the Bientels Theory, it is an exerting theatenties of the modern conception of time-space. "For instance" sold Mr. Fotheringer, greatly execuraced. "Here would he a miraele. That lamp

resonables at its our resdern

"And you?" said Fotberingay. "You don't mean "No." said Beamish reluctantly. "No, it couldn't." "Very well," said Mr. Fotheringer, "Then here comes some one, as it might be me, slong here, and and-Hallo !" It was enough to make any one say "Hallo!" The impossible, the increditie, was visible to them all The learn hang inverted in the air, hurning quietly

with its flame pointing down. It was as solid, so indisputable as ever a legro was, the procese common Mr. Fotheringay stood with an extended freefixers and the kutted brown of one auticinating a extestrenite areash. The exclusi who was sitting

next the lamp, ducked and fumped across the bar. Regrebady immed, more or less. Miss Maybeldee turned and screamed. For agarty three seconds the lamp remained still. A faint ery of mental distrant came from Mr. Fetheringay, "I can't keep it up," be said, "say leaver." He star-reved back, and the inverted lamp suddenly flared, fell against the corner of the bar, bounced aside, sensibed upon the It was lucky it had a motal receiver, or the whole

place would have been in a blaze. Mr. Gor was the first to speak, and his remark, shorn of needless excresomes, was to the effect that Fotheringay was a fool. Fotheringsy was beyond disputing even so fundamental a proposition as that! He was astonished beyond measure at the thing that had oncorred. The subsequent conversation threw absowas ecocerate; the general opinion not only followed Mr. Cox very closely but very volumently. Every one accused Fotheringay of a silly trick, and presented him to himself us a foolish dastrover of comfort and security. His mind was in a formula of purplexity, he was himself inclined to agree with them, and he made a remarkably ineffectual emo-

He went home flushed and heated, cust-collar

sition to the proposal of his departure. each of the ten street lamps nervously as he passed it. It was only when he found himself alone in his WHEN you start reading this story by the feature sulittle bedreem in Church Row that he was able to grappic seriously with his mamories of the occurrence, and ask, "What on The threat was corriction until the faul denousement

Personally are consider it a mastereless and hearth-

CHAPTER II The Power of the Heman

I E had removed his coat and boots. on the bed with his hands

nature, couldn't burn like that upsy-down, could it, with taxt of his defence for the seventeenth time. ". didn't want the confounded thing to upost," when it occurred to him that at the precise moment he

this was to be done. He had not a particularly com-

periment.

Its pointed inswiscity to his condic and collected in particular and the principle of the periment of the periment

about the foliar table. "A wasse a such a more, and attill. He recorded to his coses, and there was more stable in the such as the such as the such as the wave possible oven with marken. He extended a heard and asyaveled at it in the dark. "Let there ha a match in that heard," he told. He fall secon light object full arreas his pain and his figures deved upon a match.

After severe inseriorus attempts to light the, he faller severe inseriorus attempts to light the, he

down, and then it occurred to him that he might have wided 1 H. B. add, and perceived it becomes in the rolet of his bittlebells man. He complet in the rolet of his bittlebells man. He complet addition endangers, and he delift our depicted the solidition endangers, and be delift our depicted the complete his consideration. There is pure he like "and Politherium" and fertwish the consideration from Politherium and networks the consideration of Without the consideration from it. For a time he with a vitro of models rising from it. For a time he with a vitro of model in the might also made had, and then better depend on the him own gaze in the leadings. By this high be communed with hissaid it.

"How about relivation new?" said Mr. Potheringay at last, addressing his reflection. Mr. Potheringay Practices Miracles Upon Himself With Great Success

WHE subsequent meditations of Mr. Fothermeny were of a server but confused descripwilling with him. The nature of his experiences so for dishedhed him for any further experiments, at least until he had reconsidered them. But he lifted a sheet of paper, and turned a plan of water plok and then green, and he created a small, which he mireculously annihilated, and got himself a miraculous new teethbresh. Scorewhere in the small hours be had reached the fact that his will-power must be of a particularly rare and propert quality, a fast of which he had indeed had inklings before, but no curtain assurance The source and rembrity of his first discovery ery man may combited by uside in this spidence of singularity and by vaque intensions of advantare. He became swarm that the shoreh clock was

daily duties at Gombott's might be miraculously dispensed with, he resumed uniforming, in order to get to bed without further delay. As he stronglied to get his thirt over his bead, by was strong with a heifflant files. "Let us be in bed," he and, and found hissalf as "Universed," in striguisted, and fuffing the sheets cold, added havilly, "and in my sighthirt—as, in a nice soft words sighthirt, Ah" he cold with insense enlyment. "And now the me be confrictly along, ". It all along the time he confrictly along, ". It. His anobe at his goal bour and was peniare all through inscalation-time, wendering whither his

His nawle at this small horse and was pentire at a converged experiences unglet not be a particularly will disease. At length the mind turned again to require for experiences of the converged experiences of the converged to the charity to see his Include, post to the converge to the contract, to see his Include, post of the charity and one was a delicious fram developed to the converged to the charity will. He have been dependent of the third the converged to the converged to the charity and the converged to the converged to the charity and the converged to the converged to the charity and the converged to the converged to the charity and the converged to the converged to the charity and the converged to the charity and the converged to the converged to the charity and the charity and the converged to the charity and the charit

CHAPTER III.

A 8 the day were on his state of mind passed from worder to actuar, adult the electron-confidence of the distribution of the circumstance of the distribution of the circumstance of the distribution of the circumstance of the manner of the circumstance of the circums

close, and needly included these spate or young close. He was a fixed young the spate of the close of the he had cere by them. He care quite close to the price of the close of the close of the close attending its mastery would be no preserv these in all attending its mastery would be no preserv these in and needly food in the testing of cryling. It was that smalley, northese, quite as much as the property of the close of the close of the close of the Dengan, their development of the close of the close of the close in private.

There was possibly a contain ward of originality.

In his attained, for, grart from he will-gover, bit in his attained, for, grart from he will-gover, bit is mitted to the proper contained to the singularly attractive and harmines. He steel his welfare either a very size Promote IE steel his welfare either a very size Promote IE steel his welfare either a very size Promote proper contained to the property attractive and the property of the property o

selled-often wan ended by advanting feetsteps.

THE MAN WHO COULD WORK MIRACLES Afraid of a projection discourse of his remove ha-The word day Mr. Fetherlance based two Interest.

addressed the blosseming stick hastily; "Go book " What he meant was "Chence beck": but of course he was confused. The stick recoded at a considershie relatity, and incontinently same a sey of succesand a had word from the approaching record. "Who are you throwing brambles at, you feel?"

cried a voice. "That got me on the ship." Discours of the Officer as in the Next Charter

T 'M serry, old than," said My. Fotheringay, and then, realizing the awkward nature of the explanation, caught nervously at his

monstache. He saw Winch, one of the three Im-"What do you mean by it?" saked the constable. "Hallal it's year is it? The error that broke the hamp at the Long Draggo?"

"I den't mean anything by it." said Mr. Potheringer, 'Nothing at all.' "What d'ver do it for then?"

"Oh, bother I" said Mr. Fotheringay. "Bother Indeed! Diver know that stick hunt? What d'yee do it for ab ?"

For the moment My. Fotheringay could not think what he had done it for . He whome normed to want as and cone it for. His allease seemed to irritate Mr. Winch, "You've hear assoulting the police, young man, this time. Then's what you done."

"Look here, Mr. Witch?" said Mr. Potherinous annoyed and confused. "I'm sorry, very. The fact

1007-1107 He could think of no way but the truth. "I was

hand way, but try as he would he couldn't.

More Treable Above the Pollcomen. FORKING a---! 'Ere, don't you talk rot. Working a miracle, indeed:
Well that's downright funcy! Why, you's
Well that's downeright funcy! Why, you's

the oben that don't believe in miracles . . . Foot is, this is another of your silly ecaparing tricksthat's what this is. Now, I tell you-" But Mr. Fotheringer never heard what Mr. Winth was swing to tell him. He realized he kell given himself away, flong his valuable accord to all the winds of beaven. A violent must of irritation ewent over him to action. He torned on the conotaldo suiffly and female "Here" he said "Dan had eropph of this. I have! I'll show was a office

conjuring trick, I will! Go to Hadas! Go naw! night, nor did he trouble to see what had become of his flowering stick. He returned to the town, scared he said, "it's a newerful gift-on extramely powerful gift. I didn't hardly mean as much as that, Not really . . . I worder what Hadon is bloo!" by a happy thought he transferred the constable to with normal caution went soberiv to bed. In the

night he descent of the array of Wireh

boautiful climbing rese scainst the elder Gernebett's private house in the Lulisherough Road, and the river as far as Rowling's Will was to be drawned Mr. Fetheringay was abstracted and thoughtful all that day, and performed no miracles except

time is swite of all the bec-swarm of thenebia that hommed through his mind. And the extragriduary shatraction and meckness of his manner was rejesting. For the most part he was thinking of

On Sunday evening he went to shanet and, oddly enough, Mr. Maydie, who took a certain interest in poer, but the system of asserting askentifelian to

shakes. The tener of the sermon throw an entirely new light on those novel guite, and he suddenly desided to consult Mr. Maydur remediately after the service. So seen on that was determined by found himself wondering why he had not done so Mr. Maydig, a lean, excitable man with cuite remarkably long wrists and neck, was gratified at a

request for a private conversation from a young subject for general remark is the town. After a cheerful fire-his legs threw a Rhodian arch of ingay to state his business,

At first Mr. Potheringsy was a little shashed, and will scarcely believe me, Mr. Mardir, I am afraid at last, and asked Mr. Mardig his column of mir-CHAPTER V.

> Interviewing a Clergyman A. MAYDIG was still saying "Woll" to an

extremely indicial tone, when Mr. Forthextremely judicial tone, when Mr. Fothlung. I surmone that come covered and of comme -- like myself, for instance-as it mught be satting "It's possible," said Mr. Maydig. "Semething of the sort, perhaps, is possible." "If I might make from with asmething heer, I

think I might above you by a part of sametiment." said Mr. Fetheringay. "Now, take that tabacco, for on the table, for instance. What I want to know in whether what I am going to do with it is a mirecio or rot. Just half a rejuste. Mr. Mandle, ricene." He knitted his brown, printed to the tobergo-iar

and saids "Re a best of villets".

Mr. Maydig storted vislantly at the change and

AMAZING STORIES

flowers. He said nothing. Presently he centured vatsky. But, of course- Yes, it is simply a gift! to lean over the table and smell the violets; they It carries out so beautifully the arcoments of that were fresh-picked and very fine ones. Then be great thinker"--Mr. Maydig's votce sank-"his Grace the Duke of Argyll. Here we plumb some "How did you do that?" be asked. profounder low-deeper than the ordinary laws of

Mr. Potheringay pulled his moustache. "Just told it-and there you are. | Is that a miracle, or is it black art, or what is it? And what do you think's the matter with me? That's what I want to sak "

"it's a west extraordinary occurrence." "And this day last week I knew no more that I could do things like that than you did. It came quite sudden. It's something old about my will, I suppose, and that's as far as I can see,"

"Is that-the only thing. Could you do other things booldes that ?" "Lord, yes!" said Mr. Fotheringsy. "Just anything." He thought, and suddenly recalled a conjuring entertainment be had seen. "Here!" he peinted, "change into a bowl of fish-rot, yet that-of change into a gines bowl full of water with gold-

fish swimming in it. That's better! You are that. Mr. Maydig !" "It's astouishing. It's incredible. You are either a most extraordinary . . . But no-" "I could change it tuto anothing," said Mr. Fotheritgay. "Just anything. Here! he a pigeon, will

In another moment a blue pierco was duttering round the room and making Mr. Maydig duck every Mr. Fotheringay; and the pigeon bung motionless in the air. "I could change it back to a hewl or flowers," he said, and after replacing the pageon on the table worked that mirrole. "I expect you will want your pire in a bit," he said, and restored the tobacco-tar

Mr. Maytig Very Much Interested R. MAYDIG had followed all these later changes in a cort of cinculatory silence. He stared at Hr. Fotheringay and in a very gengerly meaner picked up the tobacce-lar, ex-

amined it, replaced it on the table. "Well?" was the only expression of his feelings. "Now, after that it's coner to explain what I came about," said Mr. Fotheringay; and proceeded to a lengthy and involved narrative of his strange experiences, beginning with the effair of the lawer allusions to Winch. As he west on the transferd prids of Mr. Mayelig's construction had caused person away; he became the very ordinary Mr. Fotheringay of everyday intercourse again, Mr. Maxide Batened Steatly, the tobacco-lar in his hand, and his bearing changed also with the course

minister interrupted with a flattering, extended "It is possible," he said. "It is credible. It is amening, of course, but it reconciles a number of amazing difficulties. The power to work miracles in a wift-a neguliar quality like gerous or second sight; hitherto it has come very rarely and to coconflored secole. But in this case . . . I have always wonfered at the miracles of Mahomet, and at Yogi's miracles, and the miracles of Madame Blanature. Yes-yes. Go on. Go on!" CHAPTER VI A Long Tolk With the Clargyman About Miracles

R. FOTHERINGAY proceeded to tell of his Missalventure with Winch, and Mr. Maydig, no longer overswed or stared, began to missiventore with Winch, and Mr. Maydie. jerk his limbs about and interject autonishment. "It's this what trunked me most," receeded Mr. Fotheringay: "it's this I'm most multily in want of advice for: of course he's at San Franciscowherever San Francisco may be-but of course it's awkward for both of us, as you'll see, Mr. Maydig, perced, and I dare say he's scared and exasterated dare say he keeps on starting off to some here. I need him back, he a miracle overs few hours when I think of it. And of course, that's a thing he won't be able to understand, and it's bound to amony him: And of course if he takes a tirket every time it will cost him a lot of money. I done the best I could for him, but, of course, its's difficult for him to put himself in my place. I thought afterwards that his clother might have got reorched, you know -if Hades is all it's supposed to be-before I shifted him. In that case I suppose they'd have locked him up in San Francisco. Of course I willed him a new suit of ciothes on him directly I thought of it. But you see, I'm already in a dence of a tangle

Mr. Maydig looked periods. "I see you are in a tangle. Yes, it's a difficult position. How you are to cod it . . ." He became diffused and incuscionive. "However, we'll leave Winch for a little and discuts the larger question. I don't think this is a case of the black art or anything of the sart. I don't think there is any taint of criminality about it at all, Mr. Fotheringay-Rose whotever, unless you are suppressing material facts. No, it's miracles-pure miracles-miracles, if I may say so, of the very

He began to pace the hearthrag and graticulate, while Mr. Fothermony sat with his arm on the table and his band on his arm, looking worried. "I don't see how I'm to manage about Winch," ho "A gift of working mirroles-appearently a very

rowerful wift," said Mr. Maydig, "will find a way about Wineb-never fear. My dear sir, you are a most important man-a man of the reset autonishing possibilities. As evidence, for example! And in other ways, the things you may do . . "Yee, For thought of a thing or two," said Mr. Fotheringay. "But-some of the things came a let twisty. You may that fish at first? Wrong sort of

bowl and wrong suct of felb. And I thought I'd ask some one." "A recour course," sald Mr. Maydig, "a very proper course-altogother the proper course," He stormed and looked at Mr. Fotherlagay, "It's practimily an unlimited gift. Let us test your nowers.

The Circoveran Colls for More Mirarles ND so, incredible as it very serve in the sindy of the little house beliefed the Gen-Sunfay, Nay, 10, 1896, Mr. Fotherinmy, erged on and inspired by Mr. Maydig, began to work The reader's attention is specially and deficitely called to the date. He will sha ject, probably has objected, that certain points

in this steey are improbable, that if any things of the cort already described had indeed conserved, they The details immediately following he will find purticularly hard to accept, because among other things in question, reast have been killed in a violent and unreweadouted marrier more than a war arm New a miracle is nothing if not improbable, and as a matter of fact the reader was killed in a violent and urprecedented manner in 1896. In the subsequest corone of this story that will become perfectly enable reader will admit. But this is not the place hither side of the middle. And at first the mirroles

acles-little things with the cups and parlour fitments, on feeble as the miracles of Theorethisto. and, feeble as they were, they were received with awe by his cellaborator. He would have preferred Mandle reveld not let him. But after they had sense of power grow, their imagination began to larged. Their first larger enterprise was due to bunger and rectioners of Mrs. Minchie, Mr. Maydig's housekeeper. 'The meal to which the minister conjusted Mr. Potheringer was containly illtrious miraele-werkors, but they were seated, and My. Maudia was descripting in servey rather than in anger upon his bequelescour's aborteemings, before it occurred to Mr. Fotheringay that an opper-

tunity lay before bles. "Deer't was thick Mr. Marrille" he said "if it lan't a liberty, J "My dear My Patheringay! Of saured No.

CHAPTED VII

A Mirrouleus Meal and Many Reforms FOURRINGAY warred his hand "What shall we have?" be said, in a large,

"What shall we have: Dear Maydig's crdor, regised the extract very thenebifully. "As for me," he said, eveing Mr. Maydig's selection, "I am always particularly fond of a topked of stort, and a nice Welsh zarebit, and I'll order that. I alm't much given to Burgundy," and furtherith atent and Walsh rambit property speared at his carronard They got long at their supper, talking like ogsals, as Mr. Fother's one properties received with a close of surprise and gratification, of all the miracles they

cent a above of reignesteen and Responder Mr. Fatheringay helped himself to a second Welsh rarchit out of wazancy, and took a mouthful, "I was thinking," he said, "I might be able (obserchoos) to work (choos, skure) a mirrock with Mrs. Minchin (chiest, chiest)-make her a better woman." My Mandie put down the riese and looked doubtful "She's-She strongly objects to interference you know, Mr. Fotheringay, And-as a matter of and arisen. Do wer think, on the whole-

Mr. Fotheringsy considered these objections. "I don't see that it shouldn't be done in her sleep." be yielded. My, Fetheringay issued his orders, and a little less at their case, perhaps, the two gentlomen proceeded with their report. Mr. Mardin was enlarging on the changes he reight except in his housekeeper next day with an optimism that accreed even to My. Fetheringay's tropper serve a little foresd and beetle, when a series of confused poises from unstains began. Their orea exchanged interpossitions and Mr. Mandle left the same brettle Mr. Patheringay board him calling un to his hance. In a minute or so the minister returned, his sten light his free radiant. "Wanderfull" he said "bad tenching! Most tenchine! He begon paring the bearthrug, "A resentance-

the date. Poor more all A recot menderful chennel The had get up. The must have got up at once. She had get up out of her alon to smech a private . . But this gives us-it opens-a most amening vista of possibilities. If we can week this miractilove change in Acr . . "The thing's unlimited asseminate," said Mr. Poth "Altogether unlimited." And from the hearthrup

Mr. Mardig, woring the Winch differity saids, unfolded a series of wonderful proposals—proposals be Now what these proposals were door not concarn the countiels of this story. Suffice it that they were designed in a spirit of infinite honevolence, the sect of honesydomes that used to be earlied west convicted Suffice it, too, that the problem of Winch remained

unsolved. Nor in it necessary to describe how for that explan met to its foldbroom . Where your tonishing changes. The arrell hours found Mr. Mardig and Mr. Fotheringay careering across the chilly resplict papers under the still recor, in a cort of ecutear of thurmaturary, Mr. Mardie all flap one grature, Mr. Fotheringer short and brighting, and no larger shashed at his exceptance. They had you formed every drupkerd in the Parliamentary divinion observed all the bose and sleebed to water

(Mr. Meydig had overroled Mr. Potheringay on this point): they had further greatly improved the raffrond communication of the place, drained Flindor's awaren, improved the soil of One Tree Hill and sured the vicer's wart. And they were going to nee what could be done with the injured pier at

South Bridge. "The place," gasped Mr. Maydig, "Lord!" gazped Mr. Potheringar, source shie to "won't be the same place to-merrow. How surpris-ed and thankful every one will be?" And just at speak for the gale, "I've had a squeak! What's gone wrong? Storms and thunder. And only a minute ago a fine night. It's Maydig set me on to this nort of thing. What a wind! If I on on feeling in this way I'm bound to have a thundering accident! . . .

The Retation of the Earth Stoomed " SAY," said Mr. Fotheringay, "that's three o'clock! I must be getting back. I've got to

be at business by eight. And bestdes, Mrs. "We're only beginning," said Mr. Maydig, full of

ginning. Think of all the good we're doing. When people wake-"But-" said Mr. Fotheringay Mr. Maydig grisped his arm auddenly. His even were bright and wild. "My deer show," he said.

"there's no hurry. Look"—he nointed to the moon "Joshus," asid Mr. Maydig. "Why not? Step. Mr. Fotheringay looked at the meen,

"That's a bit toll," he said, after a rouse, "Why not?" said Mr. Marrile, "Of course it deesn't stop. You step the rotation of the earth, you know. Time stone. It just as if we were defor

"H'm!" said Mr. Feiheringay, "Well," he sighed, "I'll try. Hom!" He buttoned up his incluse and addressed himself of confidence as by in his power. "Jest sten re-Incombinently he was flying head over heels through the air at the rate of descen of miles a describing per second he thought; for thought is sometimes as instantaneous as light. He thought and sound. Whatever else happens let me down

Mr. Petheringsy Starts a Terrific Storm FB willed it only just in time, for his clothes, heated by his rould flight through the air, were already beginning to singu-He came down with a forcible, but by no means injurious, bump in what appeared to be a mound of fresh-turned corth. A large mass of metal and masonry extraordinarily like the circle-tower in the middle of the market square, hit the earth near him, recochetted over him. hurstine bomb. A hurtling oow hit one of the larger blocks and smashed like an egg. There was a crash that made all the most violent crashes of his past mem like the sound of falling dust, and this was followed by a descending series of leasur crashes. A yest wind reared throughout earth and heaven, so that he could scarcely lift his head to look. For a while he was too breathless and astonished even to see where he was or what hod hap-

pened. And this movement was to feel his head

and resoure himself that his streaming buir was

still his own.

"What a confounded mens everything's in !" He looked about him so far as his flapping jacket would permit. The appearance of things was really extremely strange. "The sky's all right anyhow." said Mr. Fotheringay. "And thet's shout all thest is all right. And even there it looks like a terrific

gale coming up. And even there's the moon overhead. Fast so it was fust now, Bright as midday. But as for the rest- Where's the village? Where's -where's any thing? And what on earth get thus wind a-blowing. I didn't order no wind."

A Stressous Life

F B. FOTHERINGAY struggled to get to his foot in value, and atter one assumed the ed on all fours, helding on. He curveyed the mountst world to learnerd, with the tails of his scriously wrong," said Mr. Fotheringsy. "And what i is—poodness knows." Far and wide nothing was visible in the white

glare through the haze of dust that drove before a acreaming gale but tumbled mosons of earth and heaps of inchosts ruins, no trees, no houses, no familiar abanea, only a wilderseas of disorder, yearishing at last into the darkness beneath the whirling columns and streamers, the lightnings and thunderfrom wirders-only too evidently the viadant-rose You see when Mr. Fetheringay had arrented the

retation of the solid globs, he had made no stepsat its equator is travelling at rather more than a thousand miles on hour, and in these latitudes at So that the village, and Mr. Mardie, and Mr. Fotheringay, and everybody and everything had been seried violently forward at about nine miles

than if they had been fired out of a campan. And bount, and every tree-all the world as we know it--had been so serked and amounted and attesty deatropped. That year all Gesting Rid of the Power of Performing Micagles. FE VIESE things Mr. Potheripgay did not, of

course, fully appreciate. But he perceived that a great discress of refractor come men him. He was in darkness now, for the clouds had swept tothe meon, and the air was full of fittel strengther tortured wealths of hall. A creat rearing of wind (Continued on page 390)

The Scientific Adventures of Mr. Fosdick

The FELINE LIGHT and POWER COMPANY is ORGANIZED



distr and Mr. Atrofe are now leving on two insulated excels in the february

thus stared at the Ma Fredhek spent a great deal of his thru in thought—probably mart of his time. It was a cenmen saying in Waithwills that Whise Mr. Fredick get a through his thinking something is pume to happen!" And in this the orthogon were sover disappointed, for invertibly

"When Mr. Fessiek g et a through his thinking something is going to happen?" And in this the otheres were zerer disappointed, for invertisity when Mr. Foodlek thi get through his thinking something always did happen. Everybody liked the bonely little man with the larger and the with the larger and in set. In the contract of the contractor, confidence and respect CLIMICE Crash the dry thing their spens people could filter as to before, Mr. Paisground could filter as to before, Mr. Paisce and the people of the people of the could be a second of the people of the other, and match the spent to be brighted or hard care from the people of the control of the people of the people of the characteristic that great these could be a conserved the people of the characteristic of the people of the second of the people of the pe

than Mr. Foodbif, for he was no inventor and genius.

nell matters pretribing to calcate he was the viscors
authority—evan a greater authority than 4th Prefensor Sarckis, the forcely hewhistered award of
Droittie College up on the hill. Stroke had orrecalled him "a doddering tinker,"
but the Mr. Foodbir Auttriated
but the Mr. Foodbir Autritused

the control of the co

Pinconith, Koy-Fitter and Stineara-Grinder wrecess. These, his natest regioneres had negredraws a cork, but it had made a fair bairpin, and he had discount of it as such for a digrated surn. His noticed reason refused fields to nerform the date for which it had been designed, but it turned out to be an excellent chara and the famorite greature of his inventive brain, his natest cooling been was in service in countless homes throughout the broad

A Wonderful Idea in the Field of Electric Power A S Mr. Fordick gazed abstractedly at the bare A wall in front of him he bootled his brown centrating their minds upon some great and suddenly discovered phenomenon in the wenderful thinking. And the thing that immerced him so deer the book. Many would have passed it by, but Mr. type--loss than a score of words in all--than it immodiately revealed to him a wide field of expertethilities. The momentum truth as tald in the single, short and unabtructus contents was: "Bitatic electricity may be expected by rubbing together such substances as week and for" Little did Mr. Fordick at the time ampect that his stambling upon for more him the force breaklight of international

sight hours, the breethices topic of convercation throughout the civilized world. Fully on hour named. The years whistle blow of vills the arrival of the dinner hour, and then Mr. chair and started to close the shee. Had be folhern written; but just as he was about to look the front door there heavened one of these strange and inexplicable things that so often change the desking of men and nations-a large black cut walked across

Mr. Fandick's ables ! Mr. Provink stared at the est for a full minute and then be slowly put the key back in his pocket. "It's John L. !" he excluded, "By thunder, I'll try

screw-eyes and other olds and ends so dear to the clunk of resin. And then pickum up the unsurportion John L .- so named after a highly recessful rugilist on account of his extremely bellieurent disposition-he placed the cut more the here's and bosza to pertiv stroke him fore and oft with the resin. Slowly the hair upon the cat's back began groups to twice his normal size. No astronomer discouring some hitherto unbusers planet-no weather worker with leaves over at her dust been over experienced the recommen turnit of foolings

that suffored Mr. Feedick as he watched the rapidly

tion of John I. is none. Southerly and without meming there was a loud cracking setted, a bet blue forms shot and from the saffe were to the and of the wire, and John L., with a wild cry of rare, leaned some doorn feet in the air, and coming down, our cuted a next right and left squatch meen the invenfor's face; then with a single bound aprong through "By Jinks?" cried Fordick. "She works-she

expending John L. Onickly presented a piece of

comer wire around a water pipe, Mr. Posdick with

eyes harning with the excitement of the experiment.

slowly reashed the other end of the wire to the draw-

revelopments works to

The Feline Light and Power Co. Organized

his experiment, all Whitfieville was thrown in-Its a turnell of excitement by the crection of a mysterious orib-like structure back of his bisshen. Only a chosen few knew the purpose of the strange building, and they, Khen Stetale and five other friends and estroirem of Mr. Prodick maintained a spheny-like silence. In fact these men, having unid in ton dellars enion to Mr. Fondisk, constituted the

rephysicist. The Feline Light and Power Co. was in he the named commons. Mr. Fordish assured the directors that it should, by virtus of the ownershop all the other ecomenies that would applied up throughout the country, just as soon as the parent Briefly, the new power plant consisted of a room hardly larger than a plane box elevated some three

fast from the ground by involuting pitters of gland brick. The floor and the walls of the room were this reem a "plurality of cats," so the patent apploy them through the tran door (A) to the resto covered floor (B) upon which surface they will canthe threshold and miffed rather contemptucasts at nd." The promectus which Mr. Fredick had already started to work upon told in simpler language that the friction of the cats against the surface of the conveyed to consumers within a radius of ten miles -and resulting to the street valleage and light stations in the city, fifty miles distant. Elsen Sterole was the first to foresee that there would be on

brother-in-law act about organizing a con-broating connection under the item of New Jersey to be ksown as "The General Faline Co., Limited." Mr. Fondick and His Units

T took some weathy hand bustling man the next of the directorate, but by the time the power breeze was correlated twenty "craits" as Mr. Facility called them, had been lared from as many back world and for a day languished in the back room of the timber. In the evening, when night

THE FELTNE LIGHT & POWER CO.

had thrown its suble single over Whiffeville and left the world in darkness to Mr. Foodick and his cats, as Mr. Thomas Gray would doubtlesely have written. elexy-of any rate it was after dark when Mr. Fordisk stole out of the tirahon and one by one dropped his units through the trapdoor of the power were installed. Then he listened intently—there was not a sound. With a heart sickened with the sporeharmion of failure, Mr. Foodick made one more journey book to the timber and respressed this time with John L,-the "exciter," as he afterwards called him. Hardly had be dropped the hero of a thousand back-fours expounters into the dark and

ellent hole then things began to happen. Such a boldam of vowling and caterwanling Whitfeeille had never heard-the plant was in operation The next morning when President Fuedick and the other efficers and directors of "The Police Links and Forcer Concessor elbowed their way through the growd of curious citizens that had on thered about the power house it was evident from the noise that came from the units inside that the charging proeens was still in progress. With some translation they recented the indice and looked down into the

generating room. A strange and worderful eight mot their gaze. Twenty-one onto, each of them the also of a beer kee, were fighting each other in a grand hattle royal. Their hair stood straight out and storks played over their dally luminous bedien inconnectly. The exciding voice of electrical discharges was continuous and the necular odor of esone filled the air. The directors were awad. "Man, we're worth millions and millions!" elsenlated Mr. Fordick, puring down ranturquely at the

expanded units. Mr. Foedick and His Prirads Acquire a Dangerous Electric Charge

UICKLY handing Vice-President Statzle the voltmeter he had brought with him, Mr. Fordisk slipped down into the room, Picking up a unit he handed it up through the door for more thorough examination. But the unit did not property helps examined. With a word of rape it nank its teeth into the vice-president's arm and then with a loud and furfour hiss haped to the ground. Upon just what hospened then none could ever agree. Statule afterwards described the explosion as being like that of the sudden eruption of a volcano, other spectators when brought to their serves were turn there had been an earthquake. But Mr. Feedick with his calm, uncuretional mind of a born investigator believed neither of these theories. He naw the est as it touched the ground-naw the spiden fines of him fire-board the irremendous report -easy the unit disappear in a dense cloud of white amole, and afterwards identified all that was left

probably on ear. Hardly had the breeze wafted the dust and smoke saids when Mr. Fordick become aware of a strange and startling phenomenen-hip hair and whiskers stood out from his head and face like the quille of a porcupine. Mr. Stetzle was similarly affected.

Feedick warningly. "If you do you will blow up like the cat did. We're charmed with millions of volta!" It was a trovible situation and the two men looked sandowly about for assistance, but the frightened exectators had fied to that hoven of safety and got-

sip-the postellor. What Is to Be Done With the Charged Subject?

XCITEMENT was at fever best in the town.

All ports of remora filled the air, and the delegraph was sending them to the remotest parages of the earth. Before mon extras were more the streets of a score of cities telling in columns and columns of the terrible estastronbe and giving ildustrations of it "Drawn by our special artist upon the ground."

All day long the two terrorized men cowared in the generating room. Outside at a safe distance of great crowd gathered. No one dared go near and it was generally believed that the unfortunate Fordick and Stotale must eventually storve to death. During the afternoon correspondents from the great city deilies poured in on every train and camera men clicked their instruments about "the death shed" in shocks. Youards evening it became known that the cas malities were "one can dead and two men electrified."

About suppor time Prof. Smooks arrived, and it was owing to his suggestions to have food passed to them at the end of lone plans poles that the men were saved from starvation In the generating room life was well nigh insefferable. The constant electrical discharges were

irritating in the extreme and both men and units were in a victors humor. It must be said, however, that President Foodisk made some attempt to bear the strain with the fortitude of a martyr to selence; hat the unbarov Stetcle displayed to such courses -be had a wife and family, he said, and he wrated to got out. Mr. Foodlek counseled the vice-presidon't to have his family brought in, but to this suggention Stetnia only replied with curves. In colmer moments Stotzle said that with two men and twenty gats in the bin there could be no room for Mrs. Steb ale and nine children,

The Frightened People Leave the Town HE next afternoon Prof. Snooks from a safe

distance shouted to them that they might, perbase, regain their literty by wearing rubber hoots; but that they should try the idea on a get first. In this apprection Mr. Foodsck naw a ray of hope, and Mr. Stotale was so cheered that he offered to dispose of his stock in the common of Mr. Fordick for a more song. The offer was refused Mr. Fordick said that he was not interested partie ularly in financial matters at that time. He wrote a note to Josh Little, the harnesamsker, ordering a pair of rubber boots made, cut-size. Then the inof it-small potch of fur about the size of a dimeof the crowd and threw the note towards it at which there was a great scattering. A moment later he sunk back in despair, for just so the epistic topoled the ground there was a slight explosion, a winid said fash, and it hurned no before his very even. Well might he shadder for now he realized the two "Don't touch the ground, Eben!" shouted Mr. (Continued on pure 583)

The MOON METAL By Garrett P. Serviss



HEN the news came of the discovery of gold at the south pole, nobedy suggested that the beginning had been reached of a new are in the worms decreased and newsboys oried "Extra?" so they had newsboys oried "Extra?" so they had done a thousand times for murders, battles, fires and Wall Street panies, but nobody was excited In fact, the reports at first seemed so exaggerated and improbable that hardly anybody believed a wood

of them, Who could have been expected to gredit a despatch, forwarded by cable from New Zealand and eigned by an unknown name, which contained "A seem of gold which can be out with a knife has been found within ten miles of the south pole."

The discovery of the pole itself had been annotinced three years before, and several scientific parties were known to be earsloring the remarkable continent that surrounds it. But while they had sent home many highly interesting reports, there had been nothing to suggest the possibility of such ar amazing discovery as that which was now anroomend. Accordingly, most sensible people looked upon the New Zealand despatch as a boax. But within a week, and from a different source

finaled another despatch which more than confirmed the first. It declared that sold existed near the south pole in practically unlimited quantity. Some goologiste said this accounted for the greater dentiof the Antarctic Ocean. It had always been noticed that the southern bemisphere appeared to be a little overweighted. People now began to prick un their cars, and many letters of inquiry appeared in the newspapers concerning the

wonderful tidings from the south Some select for information about the pold-fields. In a little while assemi additional reports came nome vis New Zealand others was South America. and all confirming in

away respect what had been reat before. Then a New York newspaper sent a swift steamer to the Autoretic and when this enteregiaine fournal published a four-page cable

wonderful to relate

Gold Losen its Value, and the Markets of the World Are Uppet

OME time I may undertake a description of the wild seems that occurred when, at last, the inhabitante of the northern hamisphere were convirced the horadiese stores of sold existed in the unclaimed and minhabited wastes surrounding the couth role. But at present I have something morn Let me briefly dealet the situation.

rendered it unwritable for money, especially when contrasted with sold. The "nilver crare," which had raged in the clasing decade of the nineteenth can tury, was already a forgotten incident of financial history. The gold standard had become universal

I happened to be in the company of a famous hank president when the confirmation of these dis-

coveries suddenly filled the streets with welling пачевоуч. The Gold Standard Eliminated and Disaster Impenditor

ONE of the fixed please of ariestifation over written in THE MOON METAL. This charte, by the unit-brown Professor Garrett P. Service, audient a terminal

The story beeps up a tremendous interest, because was a habitarine of university origins. Here we are blue as a

describing the discoveries in detail, all doubt wanwe got to take the place of grid? Can we so back to the are of bertar? Can we substitute cattle-pene

and wheat-hims for the strong horse of the Treassay? Can commerce exist with no common measure of exchange?" "It does indeed look serious," I assented,

the street to the office of another celebrated banker. His neemonitions of distator turned out to be but too well arounded. The deposits of gold at the south pole were richer than the wildest reports had represented them. The shipments of the precious metal

and business all over the earth had adjusted itsali to that condition. The wheels of industry rev amouthly, and there seemed to be no possibillity of any disturbance or interruntion. The common monetary system prevailing in every land fostered trade and facilitated the exchange of products the currency of money; any coin that nassed in New York would ness for its face value in London, Paris, Berlin, Rome, Madrid, St. Peterchurg, Constantinople, Caire, Khartoum, Jerusalem, Peking, or Yearly. It was indeed the "Golden Age," and the world had never been so free from financial aforms Uron this pesceful some the south polar gold discoveries burst like an unberskied tempest.

column of the world. Its increasing abundance

an office-boy ran out to obey him. As he "I'm afraid it's too true," he said at lenoth Yes, there seems to be no getting around it. Gold in coing to be se plentiful as iron. If there were not such a fleed of it, we relight mensors but when they begin to make trousers buttons out of the same metal that is now looked and guarded in stoel vaults, where will be our

standard of worth? My dear fellow," he continuband on my arm, "I would as willingly face the end of the weeld as this that's coming!" "You think it so bad, then!" I saked, "But must people will not agree

with you. They will regard it as very good "How can it be good?" he brest out "What have

"Serious! I tell you, it is the delage!" Thereat he cleaned on his hat and heavied across to America and Europe seen became enormous-so The price of gold dropped like a faither stone, with accelerated valority, and within a year course marrow ceptre in the world had been swept by a name. Gold was more common than iron. Rivery concernment was compelled to demonstrate it, for when once gold had faller into centernot it was look valuable in the eyes of the public than stamped paper. For once the world had thoroughly learned the leason that too much of a good thing is worse than none of it.

Gold is Brought Into Economic Use HEN somebody found a new use for gold by inventing a process by which it could be

, hardened and tempered, assuming a wonderful toughness and elasticity without losing its noncorresive property; and in this form it venidly took

the pixes of steel. In the mean time every effort was made to bobter up credit. Rodiess were the attempts to find a substitute for gold. The elemists sought it in their laboratories and the mineralogists in the mountains and deserts. Platinum might have served, but it, too, had become a drug in the market through the discovery of immente deposits. Out of the twenty old elements which had been rarer and more valuable than gold, such as urmium, gallism, cir., not one was found to answer the nursece. In short, it was evident that alone both gold and offers had bestandard, the planet held no metal suitable to take

The entire merctary system of the world must tain to fall to pieces. In fact, it had already fallen to pieces; the only recourse was to paper money. mining or manufacture, it gave varying standards. not only arrong the different nations, but is success. sive years in the same country. Exports and imports practically ocased. Credit was discredited. commerce parished, and the world, at a bound, seemed to have your back, figurefully and industrial-One final effort was made. A great financial con-

gress was amended at New York. Representatives of all the nations took part in it. The abiest frameiers of Europe and America united the effects of their genus and the results of their experience to solve the great problem. The various governments all selement stimulated to aludo by the decision of

the congress. But, after spending months in hard but fruitless labor, that body was no nearer the end of its undurtaking then when it first assembled. The entire world awaited its decision with based breath, and At this paralysing origin a most unexpected event suddrnly opened the way.

CHAPTER II

The Musician of Science N attendant entered the room where the perplexed financiers were in session and presenied a perellar-looking card to the president, Mr. Boon. The president took the eard to bis hand and matently full into a brown study. So complote was his obscrption that Herr Pinster, the celebrated Berlin henion, who had been addressing the chair for the last two hours from the orposite and of the long table, out confused, retirals lead track of his werl, and suddenly dropped into his sent, very red in the face and wearing a most injured But President Boon paid no attention corent to

the sixcular card, which he continued to turn comand over, belanging it on his fingers and holding it one eye squinted as if he were taying to look through a hole in the card, At length this odd conduct of the presiding offrom drew all eyes upon the card, and then eyers, body shared the interest of Mr. Been. In shape and

size the card was not extraordinary, but it was composed of metal. What metal? That question had mmodiately arisen in Mr. Boon's mind when the card came into his hand, and now it cosmised the wits of all the others. Plainly it was not tin, brase, copper, breeze, eliver, aluminum-although its lightness might have suggested that metal-nor ewen home mild The president, although a skilled restallurgist confessed his instituty to say what it was. So in-

tent had he become in exeminism the curious hit of metal that he forgot it was a visitor's card of introduction, and did not even look for the name which The Reception of a Visitor's Wonderful Cord She half the card up to get a better light up-

A serves the metal and instantly it bleemed with exquisite colors! The president's chair being in the darker end of the room, the radiant card suffered the atmosphery about him with a faint rose tent, playing with ourterising liveliness into alternate centry color and

violet. The effect upon the commany of elect-booked finantiers was extremely remarkable. The unknown metal appeared to express a kind of morneric infraction, its soft bues blending together in a chro-

restic harmony which continued the seese of vision as the east are charmed by a perfectly rendered song. Gradually all gutbered in an eager group around the president's chair. "What can it be?" was repeated from its to lie. "Did you ever see anything like it?" asked Mr. Boon for the twentieth time.

None of them had even men the like of it. A small fell upon the assemblage. For free minutes no one spoke, while Mr. Boon continued to chase the flickthe silence was broken by a voice which had a touch of awe in it:

"It must be the metal!" The speaker was an Ruglish financier, First Lord strain being thus rehered, the spell dropped from THE MOON METAL

"This metal," he begon, taking the sard from Mr RESIDENT Boon recollected himself, and Boan's band, "I have discovered and named, I call coloring shightly, placed the gard flat on the table, in order more clearly to see the name. In plain red letters it stood forth with such survelsing distinctness that Mr. Boon wondered why

he had so lang overlooked it,

"Tell the gentleman to come in," said the president, and theremon the attendant threw open the The owner of the mysterious cord fixed every eye

as he entered. He was several inches more than six fact in height. His complexion was very dark, his eyes were intensely black, bright, and doorset, his evolvence were bushy and uncuried at the ends, his sable hear was close-trimmed, and nent. He were black mustaches, covering only half the width of his lip and drawn into projecting

needles on each side, white a spiked black heard adorned the middle of his chin. He smiled as he sterned confidently froward, with because it more than half resembled a smeer. This uncommon verson did not wait to be addressed. "I have come to solve your problem," he said, facing President Boon, who had sweng round on his

"The metall" exclaimed exceptedy in a breath and with a unanimity and excitement which would baye setenished them if they had been spectators insteed of actors of the nome. The tall stranger bowed and smiled again;

"Just no." he said. "What As you think of it?" sously, and again if the speakers could have been listspers they would have wondered not only at their exceedness, but at their words, for why should they instantly and unanimously pronounce every man knew he had seen it, for instinctively their minds reverted to the card and recomined in it the metal referred to. The meanwrit small secred once more to fall upon the spanishers, for the financiers noticed nothing remarkable in the next set of the stranger, which was to take a chair, uninvited, at the table, and the recovered he sat down be became the presiding officer as naturally as if he had just been elected to that uset. They all waited

they listened with breathless attention. The Visitor's Story

IS words were of the best English, but there was some peculiarity, which they had sirendy noticed, either in his voice or his marner of enunciation, which struck all of the Esteners as denoting a foreigner. But your of them could astisfactorily place him. Neither the Americans, the Englishmen, the Germans, the Frenchmen, the Russians, the Austrians, the Italians, the Speniards, the Turks, the Japanese, per the notionality the stranger belonged.

abundantly enough to replace gold, giving it the same relative value that gold possessed when it was the universal standard." As Dr. Syx spoke he snapped the cord with his

thumb-nell and it fluttered with quivering born like a humming-hird hovering over a flower. He reemed to await a ruply, and Provident Boon asked;

"What guarantee can you give that the supply would be adequate and centimpose?"

"I will conduct a committee of this congress to nation of the event, I have accumulated exough rean amount of coin equivalent to that which it formcely held in gold. I can there satisfy you of my ability to maintain the production." "But how do we know that this metal of yours will answer the purpose?"

"Try it," was the incomic reply, "There is snother difficulty," pursued the prestdent. "Pecole will not accept a new metal in place of gold unless they are convinced that it passesses equal intrinsic value. They must first become family isr with it, and it must be abundant enough and desirable enough to be used appringly in the arts, test

"I have provided for all that," said the stranger. that there will be no trouble with the people. They will be only too some to get and to use the metal Let me show you." He storoed to the foor and immediately returned

which the card was composed. The finoreless all jumped to their feet with exchanations of sururies and admiration, and enthered around the tray, whose danding contents lighted up the corner of the room where it had been placed as if the moon

were abining there

The New Metal Artestisium

HERE were elegantly formed wasen, adorned with artistic figures, embossed and incised,

and glowing with delicate colors which thusmered in tiny waves with the slightest motion of the tray, Gaps, nine, forer-rings, earrings, watchchains, combs, studa, lockets, medals, tableware, models of coins in brief, almost every article in the for him to speak, and when he epened his mouth played was to be seen there in profution, and all on the goot declared was far more splendld than erold.

"Do you think it will answer?" saited Dr. Syx. "We do," was the unenimous rools, All then resomed their seats at the table, the trave with its magnificent array having been placed in the

centre of the board. This display had a remarkable influence. Confidence awoke in the breasts of the finenciers. The dark clouds that had concessed them relied off, and the prospect grew decidedly

"What terms As you demand?" at leagth spiced Mr. Boon, cheerfully rubbing his bands.

"I must have military protection for my mine and reducing works," replied Dr. Syx. "Then I shall sak the return of one per cent, on the circulating medium, together with the privilege of disposby agreement-to the public for use in the arts. Of the proceeds of this sale I will pay ten per cent. to the government in consideration of its protection." "But." excisinged President Born, "that will make

"Undoubtedly," was the renly "Whr," added Mr. Been, opening his eyes wider

as the facts continued to down upon him, "you will become the financial distates of the whole earth?" "Undoubtudly," again responded Dr. Syx, unracced. "That is what I purpose to become. My discovery entitles me to no less. But, renumber, I place myself under government inspection and restriction. I abould not be allowed to fined the market even if I were disposed to do so. But you own interest would restrain me. It is to my ed-

variage that artemisium, once adopted, shall remain stable in value." A shadow of doubt suddenly crossed the presi-

"Suppose your secret is discovered," he said "Surely your mine will not remain the only one. If you, in so short a time, have been able to sommulate an immense quantity of the new metal, it must

then where shell we be?" While Mr. Boon nitered these words, those who were watching Dr. Syn (as the president was not) resembled persons whose startled eyes are fixed upon a wild heart preparing to spring. As Mr. Boon instantly his lips fell apart and his face paled.

Dr. Syn. the Visitor, is Imperious R. Syx had drawn himself up to his full state

ure, and his features were distorted with that peculiar monking arribe wheels had some returned with a concentrated expression of missied self-confidence and displain "Will you have relief, or not?" he asked to a dry,

hard voice. "What can you sho? I sleme passess the occret which ear restore infestry and conserve. If you reject my effer, do you think a scorpd ope will President Boon found voice to reply, stammer-

"I did not mess to suggest a rejection of the offor. I only wished to logsife if you thought it probable that there would be no repetition of what occurred after gold was found at the routh pole?" "The earth may he full of my metal," returned Dr. Sex. abroat farcale, "but so long as I alone

more worth then common dirt? But come," he olded, after a parse and seftenine his marere. " have other schemes. WW was an appropriations of the leading nations, undurtake the introduction of artemicion as a substitute for gold, or will you "Can we not have time for deliberation?" saked

to Item your decision," restled Dr. Syx, ristor and rownering to depart. "I lease these things," neintfor to the tray, "in your keeping, and," significantly, "I trust your decision will be a wise one." His carious smile again curved his lips and shot the ends of his mustachs powerd, and the infraence of that smile remained in the room when he had closed the door behind him. The financiers swood at one another for several religions in solones, there they turned towards the coruscuting metal that filled

CHAPTER III

The Teten Mountains

WAY on the western horder of Wyoming, in the all but inaccessible heart of the Rocky A Mountains, three mighty brothers, "the Big Tetora," look nerroudicularly late the blue ere of depression among the resentains called Jackson's Hale. Brazing against one another for sureart there remarkable peaks lift their synaite spires from 12,695 to peoply 24,699 feet into the bing dome that arches the crest of the continent. Their sides, and especially these of their chief, the Grand Yeten, are pings when the morning sun comes up above the wilderness of mountains atretching away eastweed

When the first white men populated this wroderful region, and one of these hestowed his wife's name upon Jenny's Lake, they were intimidated by the Crund Tetan. It made their fissh creen, ancustomed though they were to rough scrambling among mountain gorses and on the beyon of immence procipiess, when they glazced up the face of the peak, where the stiffs fall, one below another, in a series of breathless descents, and imported

themselves clinging for dear life to those skyer But when, in 1872, Messers, Storssorer and Largeford finally reached the top of the Grand Tetonthe only successful numbers of a party of nine practiced climbors who had started together from the bottom-they found there a little rectangular onclosure, made by pilling an rocky, six or seven feet nerous and three feet in height, hearing evidences of great are, and indicating that the red indiana had, for some unknown purpose, reserted to the

susmit of this tremendow reak leag before the white men invoded their mountains. Yet neither the Indians nor the whites ever really compared the Toton, for above the highest point that they attained rises a gramite futfrens, whose amouth wertical sides seemed to them to defy everything but Winding across the sugo-covered floor of Jackson's Hole runs the Shockene, or Suske River, which

taken its rise from Joskoon's Lake at the confluent and of the leads, and then, as if shrinking from the threatening brown of the Bittons, where full would Nock, its morrows, reckes a distance of one bearinged miles around the Settmered brights of the name before it finds a slear way sever likely, and so on "Yes, one hour. Within that time I shall return to the Columbia River and the Pasific Occasi

& west to write whether to the Taken Witnessie N a July morning, about a month after the tiers in New York, a reity of twenty horsemen following a mountain-trail arrived on the centern margin of Jackson's Hole, and requing un-

on a commarring emission with exclamations of wonder, glanced arrives the great depression, where lay the shining coals of the Spales Rouge, at the toruseine forms of the Tetres, whose ico-strined cliffs flathed lightnings in the sunshing: Even the immanion become that the name code lifted their beads incepringly, and repried as if in equine an-One familiar with the place would have noticed aspecthing, which to his mind, would know agreed

more surprising than the pageantry of the mountains in their morning sun both: Carling shove one off the will avenue that out the boson street of the Totores was a thitic black arcold, which, when lifted Had the Ground Tetroi become a volcana? Con-

tointy no husting or couldring party could make a arnoles like that. But a word from the leader of the warte of hornison exclaimed the mystery; "Theref is my mill, and the mine for underseath

The enaster was Dr. Sex; and his commissions ware wiredown of the financial congress. When he quitted their presents in New York; with the promise to return within an line for their certy. promper to return within an Boar nor intir reply, would be. He knew they would notent his proposirangements were quickly perfected whereby; in case the impertion of Dr. Syx's mine and its resources provid satisfactory, America and Europo should unite in adopting the new metal as the beels of their columns. As noon as this store in the requi tightness was resched in only vertained to send a contraction of financiary and materburgists, it's corepage with Dr. Syr, to the Recky Mountains, They started under the dector's guidance, completing the "An inspection of the records at Washington," Dr. Syr continued, addressing the hirmsmen, "will

show that I have fifed a claim covering ten servis of priund around the much of my reine. This was ing of the cloth's and the spheritest respondings tion, because exceptody was thicking of the north male and the artification"

theophistica Profit Dr. Syn

THE SECTO SECTIONS SECTIONS OF BUY and firtitied to ble words with effect attentime while their horses rutbed nesse and phoglad their gold-mothins trappings.
"As from at I had legally protected mysald," ha continued. "I constitued a force of their transported the middle of the state of the state of the second of the safe from intrusion, and even from the curiodity. for the reason ? Maria fort warifforted to fart on I pliced in chirche of trustworthy forther, Accardingly, with half a dozen exceptions, you will see only black men at the mire." "And with their aid you have mined enough metal to supply the mints of the world?" asked President

"Exactly so," was the reply. "But I no kingre employ the these there allows I closed to have " "Here result westel know was on hear? I am more

exclusive was the attraction of the new gold-fields that I had difficulty in obtaining workens, and

that the have affected accepted they duestion during for the besett of action trembers of our morte who were not present three." "I shall show you to-day," said Dr. Sye, with his "I show allow you to day," only of refined artemistant, stacked in rock-our varies under the Grand Toton. "And you have dered to collect such increase-

"You served that it is not possible most the should por their stamp open (t." "True, but how did you arrive at the groper mo-

"Ensily, I first apprended that before the Antgistic discourries the world contained alterether about 16,000 tion of cald, valued at \$550,000 acc. weight. bulk for bulk ore-quarter as much as cald on, but I kare considered it preferable to take ad vanture of the smaller swigts of the own destall which regmits me to make coins of the some size on gold bod. Thus only 4000 fees of the new metal are required to amply the place of the 14,040 tens of good. The 2540 tons which I already have on hand

are mere than enough for colvage. The rest I can The party did not want for further evaluations They were eager to see the wenderful after and the afore of treasure. Searce were partled, and then gelleped down the steep trail, forded the Sarker Biver, and skirting the share of Jenny's Loke, seen forms thereselves gesting up the beadlong alopse and ling paragets of the Grand Telon. Dr. Sax led tem by a steep about to the mouth of the canyon. flow cite of whose walls stood his mill, and where 56 "Champ" Chemp" of a powerful queing substed

Trinty

emply as falst on photed

The Wealth of the World N electrin heht abot its penetrating ross into A spalery cut through virgin fock and run-iding straight towards the heart of the Toton.

tric nower, passed to and fro, River-skinned and allent workness rode on the care, both when then dance before with broker marion of rock from the farther end of the turnal and when they returned

Sectionly, to an eve situated a little way within the gallery, appeared at the entrance the dark face

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and a recover liter the broader countenance of President Born bouned in the electric given baside the dectar's black frame-work of cyclevors and manische. Belmed them were grouped the other visiting financies.

"This transl," said Dr. Says, "Seads to the mine head, where the orre-bearing rock is histed."

head, where the ore-bearing rock is Hasted."

As he epoke a boltow rear issued from the depths of the assustain, followed in a short time by a gust of feel sir.

"You wrelsthy will not care to yo in there," said

"You predately will not care to go in them," said the dector, "wall, in fact, it is very amountertable. But we shall follow the next car-load to the smiler, and you can written the reduction of the one." or Assortingly when nother car came resulting our Assortingly when nother care came resulting our Assortingly will be an adjusting a partner, where were cast into a metallic shuts, through which, they were informed, it reaches the furgone.

"While it is militag," explained De, Syx, "certain ciernents, the nature of which I must beg to keep secret, are mixed with the ore, enuing chemical action which results in the extraction of the motal. Now let me above you near entremess issuing refer.

the furnace."

The Metal Shown Russing from the Furnace

H is the visitors through two apartments
into a third, one after of which was walled
by the frest of a furnace. From this pro-

the costs of modes are the second of the cost of the c

metallic impote glowing the gluentic optal in the light which. Br. Sky turred on. They were piled in reset shang the suifs at high as a man corid rock. A very brief imposition corided to convince the promised. Although they had not presented the speculised. Although they had not presented the highest present consistently that he had as also also all the spikes of import preved encodately that he had be the world a new colonge. But President Bloop, holes phistorical mentilluries:

JULY PERSONAL MONS, DOING INSTALL A ROBALINGTEST, declered to harpocy the applications or a little more closely. Possibly he was thinking that if another same was destined to be discovered to might as well he the discoverer as anythesty. Dr. 1933 at well be the discoverer as anythesty. Dr. 1933 at well he the discoverer as anythesty. Dr. 1933 at which have been the most proposed a latent care and introduced the windows to help the three traces the only introduced the windows to help the three traces the next product of the new size. But I have traces the next possibly in this most of the world. But I forward to the control of the new size help I forward to the possibly in this most of the world. But I forward to the possibly in this most of the world. But I forward to the possibly in this most of the world. But I forward to the possibly in this most of the world. But I forward to the possibly in this most of the world. But I forward to the possibly in this most of the world. But I forward to the possible to

There may be plently of it only writing to be found.
That, however, doesn't brothle ma. The greet point is that naboly except myself knows how to entract the rosts!"

Me rosts!"

An industrial with the chank of rock which he had taken from the ear. Then he polled a least from this possite, with a deventance element at Defron his possite, with a deventance element of Defron his possite, with a deventance element Defron his possite, with a deventance element Defron his possite, with a deventance element of Defron his possite with the devent of Defron his possite with the deventance element of Defron his

"On, that's all right," and the latter, with a longh the first that these produces have we hard from her lips, and it almost made them shadler." Just it a very test, examine it with the medical composition with the shadler it with the spectroscope, with firs, with electricity, with the spectroscope—in every way you can think off I means you it is worth your while? Again Dr. Sky uttered his freezing longh, poss-

Again Dr. Syx attered his freezing lough, possing into the families smile, which had new become an undinguised mock.

"Upon my word," said Mr. Boan, taking his cys from the lens, "I see no sign of any metal here!"

"Look at the green spocks!" cried the dector, anothing the specimen from the president's hand, "Tank's it! That's artemishan! But it's of no use unless you can get it out and purify it, which is my secret!"

Dr. Syx Leighs

OR the third time Dr. Syx langual, and his

Incomment affected the visitors on disgressibly that they thewed impatience to be gozen-lamediately be changed his manner.

"Gene into my office," he said, with a return to the graviousness which had characterized him over aince the party started from New York.

When they were all mande, and the deptor had

harded retird a hor of eigent, he resumed the ouversation is his most amished manner.
"You soo, gentlemen," he said, turning a piece of ree in his fingers, "artemistion is like strontons. It special greens. While these greenish particles, which you may perlayer satisfact for chrystille, or some similar silonis, really contain the precises metal, they are not estimy; oregoned of it. The

process, by whosh is separate out the metallic absence while the ore is possing through the furrance is, in truth, quite atmob, and its very straplicity gainst any secret. Make your minds every as to overgondartion. A man is as likely to jump over the moon as to find an out! changing his reaction of the moon as to find an out! changing his reactions enough for one day; see "we have had buttless enough for one day;

while speaking the dector pressed a button on
the dask, and the roam, which was illuminated by
the dectric learnes—for three were no windows in the
huilding—academly became dark, accept part of one
at,
and, where a broad area of light appeared.

Dr. Sext woise had become were acaching when

are the epoles:

as "I am food of amorting myoolf with a peculiar
in form of the margic-batters, which I invented occuyears ago, and which I have never exhibited except
of the exteriolization of my friends. The pictures
will appear upon the well, the appreciate being cowill appear upon the well, the appreciate being co-

will appear upon the wall, the appearants being concealed."

His hall hardly ceased speaking when the ilhimisated space seemed to melt away, leaving a great opening, through which the spectators looked as if into another world on the opportionable of the wall. For a minute or tun ther would not describe

diserra what was presented; then, gradually, the fitting seems and figures became more distinct until the lifelikeness of the spectacle absorbed their

whole siteation.

Before them possed, in possessels review, a

some had, filled with brilliant-hand recetation and datted with villages and situa which rame bright with light-colored buildings. People appearof moving through the somes, as in a circulate, of reality. In fact, the pictures, blending one into exother nermed to be life itself. Yet it was not on earth-like seem. The colors of the penning landscape were such as no man in the room had swee behold; and the people, tall, round-limbed, with fireful complexion, colden bulk and brilliage even and line, were infescribably beautiful and graceful in all their mayements

Dr. Syn's Movies

ROM the land the view passed out to sea, and bright blue waves, edged with ercoming form, ran swiftly under the spectator's even and occasionally, driven before light winds, appeared floats of daintily abased vessels, which reminded the behalder, by their fleshing wines, of

the feigned "ship of pearl!" After the fairy thips and breezy see views eams a long, enrying line of coast, heilliest with eccui arndo and industed by francest have along whom enchanting shares lay pleasunt towns, the landscapes behind them sphendld with groves, meadows, and

Presently the shifting photographic tape, or whatever the mechanism may here been, appeared to have settled upon a chosen seans, and there it rested. A bread chaurouse reached owny to distant sapphire mountains, white the foreground was on country villa, frontal with a conten sheded by bowers and festores of hugs, brilliant flowers Birds of rediant plemage flitted among the trees and blorrows, and then appeared a correspond of gayly attired people, including many young girls. who joined hands and denced in a ring, arragently

shoped instruments. End of the Morie Show

UDDENLY the absolute of a dones shoul fitted arrans the sarne; wherearen the brilliant birds flew away with screams of terror which simply posted to reach the som of the colockers

through the wall. An expression of barror come from their murry circle and ran for protection to their elices. The utmost confusing and whelming terror more evidenced for a recovery than the ground split seunder, and the house and the garden with all their living occupants were avallessed by an awful chases which energed just where they had stood. The great rent ran in a widening lise agrees. the sunit landscape until it reached the horizon

when the distant recentains correbled, alands record in from all sides at once, and billows of flume burst through them as they willed the seems. and the world whose environ envetacles had been

canceled as if on the other side of a science assembly to retreat swiftly into opeco, until at last, operating full morn hanging in the sky, but larger than is its

his feet, his tall form oppearing strangely mannifted in the gloom, and invited his bewildered guests to accompany him to his house, outside the will where he said disner availed them. As these emerged into daylight they acted like persons just CHAPTER IV

want, with its dry occasibeds, its keep-spired rooks,

The show was ended, and Dr. Syx, turning on only

a nestial filumination in the room, rose slowly to

Wonders of the New Metal TITRIN a twobsenenth after the visit of President Boon and his fellow-dnanclers to

the mine in the Grand Teten a railway had been constructed from Jackson's Hele, connecting with one of the Pacific lines, and the distribution of the new metal was begun. All of Dr. Syx's terms had been seconted. United States tecons occurred a permanent encampenent on the unper waters of the Stoke River, to afford protection, and as the conwest on resented trains, the mints all over the world resumed their activity. Once more a common mon-

olary standard prevailed, and commerce revived as Artemisium quickly was its way in pensior favor. the inspertors representing the various reticus found it difficult to limit the output to the agreed-

Goldsmiths and jowellars continually discovered new excellencies in the wonderful metal. Its uronwith thouts of hughter, while a group of musicians erties of translucence and refraction enabled skilful standing year thrummed and blew upon carlonals artists to perform mornels. By apitable measure ment a chain of artemisium could be made to reaembio a atring of veri-calared pena, each nonerate link having a tint of its own, while, as the waster

moved, delicate complementary colure chasel our A fresh sharm was added by the new motal to the personal adorament of women, and an enhanced splender to the negrents of seciety. Gold in its palmiest days had nover enjoyed such a vogue. A grouded reception-room or a dinner-party where artemisium abounded pomented an industribuble atrecenting a counted possessed an industribute ap-

yet continuing to overy acros. Imaginative persons of the metal exercised a strangely scothing and drasmy power over the mind, like the influence of morelight streaming through the tree-tons on a still.

The public curiosity in record to the origin of extendalary was boundless. The various nations published official bulleting in which the occurred facts-confitting of course such invidents on the singular exhibition seen by the visiting financiers on the wall of Dr. Syr's office-were detailed to eratify the universal desire for information. President Bose pet only submitted the specimens.

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of ore-bearing rock which he had brought from the mine to careful analysis, but also sawinfor to savaral of the greatest living coverests and recoveregists to aid him; but they work all equally mystified. The green substance orientated in the con. stthrough different aliability from continuous alicensities auxwerred all the known tents of that misseral. It was repembered, however, that the Roy Red only for chrysolius and the regalf of their experiences gone a stones' dist beyond the chemistre of the doc and, just as exidently, he did not were to reveal his discovery for the brackt of science, nor for the benefit of any norkets seems fitt swy

The Retraction of the Motel is an Unnelvable Mantery TOTWITHSTANDING the failure at the electricits to extraor sarything from Dr. Systa fro, the public at large never doubled that the secret would be dissevered in shed time, and family they foring it. Ryldenfly the doctor has been mininters in thinking that has miss night be the only one. The new remotes harried arteriors of this experimentation, and meanwhile began to hav an the proper way to extract the metal should be the

But, alar) that tiese did not come. The freel ore proved to be as refractory as that which bed head obtained from Dr. Seri. But by the relies of the universal disappointment there came a new

natch from Grand Totor station dimension that the metal itself had been discovered by prospectors on the distory slood of the main peak "It options in more places," resi the demotive "and round small noiseasts have been picked out of

erevices in the reclos" The excitement producted by this next was even greater than white wold was discovered at the south pole. Again a med resir was made for the Tetons. The brights around Jackston's Holy and the shores of Judicials, and Jersel's lakes were assorts dutted with damps, and the military force had to be doubled to keep off the curious, and eccesionally menseling, crowds which gothered for the vicinity and received bent on transcribing the great degret lacked hitting the windspiece (colle of the will where the column of black analys and the role of the engine arrived as remindere of the tricedities

wealth which the sole possessor of that secret was This time no mistake had been made. It was a first that the month in virgini parties, had been discovered scattered in various places on the hedgest of the Grand Tetore In a little while thousands Bad shinized mediment with their own hands. The quantity was distressingly small, confidence the number and the experience of this necketic but that have desired. He, however, made no attented to "Yea," he said, when questioned; "I find that I

rolling out

Eins been decerved. At first I thought the metal existed only in the form of the green ore, but of late ming. I ath glad fee both sukes, but seery for My ergo. Still-it may turn out that there is no erest amount of free arterisium after all The Mountain is Covered with Prospectant

7 FIRES the double fathed in this morning child observing detected a lurking mear which his

destrointered by not medical since site minimize was first adopted as the francy basis of the The growd that swarmed upon the mountain

quickly exhausted all of the visible supply of the metal. Sometimes they found it in a thin structure at the bottom of evences, where it could be detacked in confinent claim and leaved of the thicktion of timer. There superficial deposits evidently mucht have been formed from water belding the Month in admittee. Occasionally, deep enteks for tained nurgets and wiry masses which looked as M there End run together when meltin.

The most promising spots were som staked out In misself elected, resolutionery was propored, stock companies were formed, and beerings were begin The collections existing from the earlier facts and to work with foverish hoste and energy, and within For a long time arbiting was willing to educat the truth which gradually forced shelf upon the atten-

1900 of the miners. The despir they went the sourcsideN disposits as were found were confined to fissprin may the surface. But his Six continued to Notifi it harmrising increase in the amount of free middle in his mine, and thus encountered all who had NOT exhibite to their coults to finish on their timests fir the liter of frisily striking a wim. At leasth, novewer, the smaller operators gave up in despeur

until only one heavily capitalized entroping registros CHAPTER V A Strange Discovery

"I to my behef that Di. Mad Syst is a decisiver."
The person who othered this opinion was a young anginer, Andrew Hell, who had charge of the opinion of one of the mining conference. panies' which we've driven fameds into the Grand

"What do you mean by that?" asked President Brow, who was the principal backer of the cited-"I mean!" replied Fluib "that there is 40 from

metal in this mountain; and Dr. Sys knows there "Red his his pulletion in his basically from his make " etc. forted President Book "So he says, but who has done in? No one in all mitted into the Sex mine, his foresten are fortist-

dent to take, and his mericans are mediate servery guilage.

"But," sersisted Mr. Beed, "how, thin, do you secount for the purposts acuttared over the risun-

"I must colarge the opening," he whiteward, and in pretending that there is free metal to be had immediately the faint grating of a above tool cut-

#7000

now for a look."

"He may have saited the mountain, for all I am entirely in the dark, but, for all that, I am convinced that we shall find we more useful If you dig ten miles for it." "Nonsettio," said the president: "If we keep on

we shall strike it. Did not Dr. Gore bloods sometthat he found no free arteroisium until his turnel had remaked the core of the peak? We want so of doep as he has gone before we give up," "I fear the deaths he attoles are housed meet people's reach," was Hell's answer, while a thought-

ful look crossed his clour-cut brow. "but since you like, however, to change the direction of the fun-"Certainty," resided Mr. Boon; "bore in what-

over direction you think proper, only don't despair." Along a month after this communities Andrew Hall, with whom a community of taster in many things had wonder too intimately accompleted, asked me one murning to accompany him isto his tun-

"I would be been a departy followed at your official! he said, "for, unless I am a dreamer, comething remarkable will happen within the next bour, and

tree witnesses are better than one." A Price-Dr. Transmission-Andrew Well December to Soles the Mestery KNEW Hall was not the person to make such a

remark carelessly, and not carlessly was intensely excited, but, knowing his pegaliarities, I did not wrose him for an evelenation. When we arrived at the head of the tunnel I was surprised at finling to workman there. "I statesed bissabout some time was " said Wall for explanation, "for a reason which, I hope, will besome syldent to you very seen. Lately I have been buting very slewly, and yesterday I paid off the ment and dismissed there with the emperorment. which I am confident, President Boon will assotion after he hears for resurts of this meenlys's work,

that the tunnel is alumined. You see, I say now unter a deill which I see varness without andsturne. I bollow the work is almost completed, and I want you to witness the end of it." He then correlate available the defit, which polanleastly agreemed its mose into the rock. When it had raprile to a depath of a force traders has writted-upon it. and, taking a hand-drill espable of making a hole pet more than an eighth of my high is dismeter, continuity have busined to the costs of the house envity. He had goods hardly a hundred turns of the

heatthe whom the dvill shot through the credit A eratified smile illuminated his fratures, and he said "Don't be alarmed; I'm coine to get out the

Instantly we were in complete darkener, but beiver slows at Hulbs side I sould detect his moreate remained medicaless on if listering. There was

"There " of last he said "I think that will do: I stored tall that he had sladed his eye at the hole and was gazing with breathless attention. Presently he rolled my sicere. "Put your eye have," he whispared, pushing me into the proper position for looking through the Looking Through a Peop-Hole

ting through the rock informed, me of his pro-

T first I could discorn nothing except a smoky hine glow. But soon my vision charged a little. hine glow. But soon my vision cleared a little, and then I perceived that I was graing 1860 a narrow tunnel which met ours directly end to end. Glancing along the axis of this gallery I saw, some two bundred yards ever, a frint light which evideptiv indicated the month of the turnal. At the end trhere we had mot it the skypterious turnel was considerably widened at one side, as it the expected had started to change direction and then abandoned the samely and to this others I would just see the outlines of two or three flat care leaded

with broken stone, whilst a home of the sans use. terial lay near them. Through the sentre of the turnet rap a reilway truck "Do very know what you are looking st?" saked Hall by my par-"I begin to suspect," I regited, "that you have aceldentally run into Dr. Syn's mine," "If Dr. Say had been on his ground this excident wouldn't have harrouned," retilled Hall, with an almeet insudible obnoble.

"I heard you recen't a month ago," I said, "that on were daugher the direction of your famel Has this been the aims of your labors ever absent?" Discoveries Under Half's Auspices or 700 have let it," he replied. "Long age I

I become convisced that my correacy was Develop Away its stoney in a valu attempt to atribe a lode of sure artemisture. But President Boon has great fuith in Dr. Sow, and would not give up the work. So I adopted what I remoded for the only newsical method of recycles the truth of my otionen and saving the company's fonds. At electric indicator, of my invertion, cushled me to longte the Sex tunnel when I got stead it, and I have weet it and on, and anough this mean, hale in order to shows the destroy executions I feel that such observe the doritor's operations. I feel that each Although I serviced was ampleter foot book on when I feel sure that Dr. Syx was the cause of the sulden discovery of the surface ourgets, and that he has encouraged the minoro for his own ends, until he has Brought rule to thousands who have spent their last erst in drivery seeless tornels into this ensemble.

It is a righteous thing to encose him." "Rut." I intermed "I so not see that over keen exposed conthing not expent the interior of a full. "Very will see those clearly after a while? was

Hall now aband his env again at the assettion. and was mable artiraly to powers the areletistication

that rose to his lips. He remained staring through the hole for several minutes without uttering a word. Presently I noticed that the lenses of his eve were illuminated by a ray of light coming through the hole, but he did not stir. After a long inspection he suddenly applied his

our to the hole and listened intently for at least five minutes. Not a sound was audible to me, but, he an occasional pressure of the hand, Hall signified that some important disclosure was reaching his sense "Pardon me," he whispered, "for knotting you so heard was of a pature to admit of no interruption.

the hole you may be able to entch what he says." "Who is 'he'?"

"Look for yourself." I placed my eye at the aperture, and almost reectled with the violence of my curprise. The tunnel before my was brilliantly Fluminated, and within three feet of the wall of rock behind which we grouched stood Dr. Syx, his dark profile looking almost saturie in the sharp contrast of light and shadow. He was talking to one of his foremen, and the two over the only visible occurants of the ten-

nel. Putting my ear to the little opening, I heard -'cad of their rope. Well, they've spent a pretty lot of money for their experience, and I rather think we shall not be troubled again by artemisiumpockers for some time to come."

Spring On Dr. Syn HE doctor's voice censed, and instantly I clapped my eye to the bole. He had chapped his portition so that his black store your looked straight at the aperture. My heart was in my that he had detected the gleam of my sychell. But if oo, he probably mistock it for a bit of mice in the rock, and now in further attention. Then his lips moved, and I not my car seein to the hole. He sterned to be replying to a question that the fore-

"If they do," he said, "they will never gueen the real secret." Thereupon he turned on his book kirled a hit of rock off the track, and strude away towards the en-

trance. The foremen passed long enough to turn out the electric lump, and then followed the doctor, "Well," saked Hall, "what have you beard?" I told him everything. "It fully corroborates the evidence of my own ever and care," he remarked, "and we may count ourselves extremely lucky. It is not likely that Dr. Syz will be heard a second time proclaiming his de-

ception with his own line. It is plate that he was led to talk as he did to the foreman on account of the latter's having informed him of the spides discharge of my men this morning. Their presence within ear-ebot of our hiding-place during their conversation was, of course, pure socident, and so you can see how kind fortune has been to us. I expected to have to match and listen and from deductions for a week, at least, before getting the information which five lucky mitrates have placed by

our hends."

"When the light was on in there I saw the mouth of a small turnel entering the main one behind the cars on the right. Did you notice it?"
"Oh yes," I replied, "I did observe some kind of a dark hole there, but I read no attention to it be-

turned on the light in our tennel.

"What do you car?"

"Well," rejoined Hall, smiling, "it was worth considerably more than a glance. As a subject of thought I find it even more absorbing than Dr. Syx. Did you see the track in it?" "No," I had to acknowledge, "I did not notice that. But," I continued, a little piqued by his manner, "being a branch of the main turnel, I don't see any-

himself in carefully plugging up the hole in the

rock. When it was skeed to his satisfaction be-

"Did you observe," he solerd, "that there was a

thing remarkable in its having a track also," "It was rather dim in that hole," said Hall, still smiling in a somewhat provoking way, "but the railrand track was there plain excuelt. And, whether you think it remarkable or not, I should like to lay you a wager that that track leads to a secret worth "My good friend," I retorted still smarting a little, "I shall not presume to match my stopidity against your perepleasity. I haven't cat's even in

Hall immediately broke out laughing, and, slapping me good-naturedly on the aboulder, excluded fellow like that, I shall he corry I ever underteck this adventure."

CHAPTER VI A Mystery Indeed

THEN President Been had heard our every he promptly argroved Hall's dismissal of Dr. Syx should have recorted to a deception which had been so disastrous to imposent people, and at first he talked of legal proceedings. But, after thinking the matter over, he concluded that Syx was too newerful to be attacked with success, cancelelly when the only evidence against him was that he had claimed to find artemisium in his rains at a time when, as everybody knew, artemicium actually was found sutside the mine. There was no arrar-

cut metive for the deception, and no proof of mulicious intent. In short, Mr. Boon decided that the heat thing for him and his starbhalders to do was to lesspatient about their losses and await events. And at Hall's apprection, he also determined to say nothing to anybody about the discovery he had made. suggestion, "and it might spoil a plan I have in

"What plan?" asked the president "I rewise not to tell just wet," was the runly,

Hall made no reference to the side tunnel to which he had appeared to attach so much importance, and I concluded that he now regarded it as lasking eignificance. In this I was mistaken.

from Hall to accomment him once more into the "I have found out what that side-track masns." he said, "and it has plunged me into another myetery so dark and profound that I cannot see my way through it. I must bee you to say no word to any

I gave the required promise, and we entered the tunnel, which nobedy had visited since our former adventure. Having extinguished our lame, my correspice conceed the permissis, and a thin yay of light streamed through from the tunnel on the opposite side of the wall. He arolled his eye to the

"Yes," he said, enickly steering back and pushing me into his place, "they are still at it. Look, and tell me what you see."

"I see," I replied, after placing my sye at the aperture, "a gang of men unloading a car which has just come out of the side turned, and notting

its contents upon mother our standing on the track of the main turnel." "Yes, and what are they handling?" "Why, ore, of course,

"And do you see nothing significant in that? "To be sure!" I excluded. "Why, that ore-"Hugh! hugh!" admortished Hall, rotting his hand over my mouth; "den't talk so load. Now

go on, in a whisper," "The ore," I resumed, "may have come hark from the furnace-room, because the side turnel turns off no as to run narollal with the other."

"It not only may have come back, it actually has "How can you be sure?" "Because I have been over the track, and know

that it leads to a secret apartment directly under the furnace in which Dr. Syx pretends to malt the

For a minute after hearing this avowal I was execubless.

"Are you stricus?" I asked at length. Dr. Syn is a Systematic Deceiver ERFECTLY serious. Rus your finner alone the rock here. Do you perceive a some? Two days ago, after seeing what you have just witnessed in the Syx tunnel, I carefully out out a section of the wall, making an sperture large enough to crawl through, and, when I knew the workmen were saleep, I crept in there and examined both tunnels from end to end. But in rolying one

mystery I have run myself into snother infuitely more parriaging." "How is that?" "Why does Dr. Syx take such elaborate pairin to deogive his visitors, and also the government offlored It is now plain that he conducts no mining operations whatever. This mine of his is a gigantic blind. Whenever Inspectors or scientific enrically neckars visit his will his mute workmen course the air of bring very booy, the cars laden the furnace, or appear to be roused into it, really

dropping into a receptacle beneath, to be carried

Hall stopped ma. "Do you believe in alchemy!" he raked, with his so-colled 'are' remble out of the travel. and their contents are estentationaly poured into

pretended ore, he gets it from some other source, and right on this soot, too. There is no doubt about that. The whole world is supplied by Sya's furnsce, and Syr feeds his furnace with semething that comes from his ten serve of Grand Teton rock. What is that something? How does he get it, and where does he hide at? These are the things I should like to find out." "Well," I realled, "I fear I can't halo you." "But the difference between you and ma," he reterted, "is that you can go to elem over it, while I shall never get another good night's rest so long as this black mystery remains unsolved

back into the mine again. And then the doctor leads

has gulled visitors around to the other side of the fernace and abowe them the molten metal coming

out in streams. Now what does it all mean? Thet's

what Pd like to find out. What's his ways? For

mark you, if he doesn't get artemptium from this

"What will you do?" "I don't know exactly what. But I've got a dim idea which may take shape after a while," Half was silent for some time- then he anddeale

"Did you ever hear of that queer magic-lantern show with which Dr. Syx entertained Mr. Boon and the members of the financial commission in the early days of the artemisium business?" "Yes, I've heard the story, but I don't think it

was ever made public. The newspapers never got "No, I believe not. Old thing, wasn't it? "Why, was, very odd, but just like the doctor's scenario ways, though, Ho's abuny doing something to estonish semulody, without any spectest

certify reason. But what out you in mind of that?" "Free artenisium put me in mind of it," replied Hall, quintically, "I don't are the connection." "I'm not sure that I do either, but when you are dealing with Dr. Syx nothing is too improbable to

ALL therepren fell to musing again, while we returned to the entrance of the bunnel. After he had made everything secure, and allipsed the key into his pocket, my companion remarked: "Dan't you think it would be best to keep this

latest discovery to ourselves?" "Certainly." "Bucsuss," he continued, "nobody would be henefitted just now by knowing what we know, and to expose the warthlesmess of the food might come

a penic. The public is a queer saimed, and never gets scared at just the thing you expect will alarm it, but always at comething elec-We had shaken hands and were reparating when

"That's an old question from you." I replied, "I thought alchemy was expleded long ago." "Well," he said, slowly, "I suppose it has been exploded, but then, you know, an explosion may semetimes be a kind of instantaneous education, breaking up old things but revealing new ones."

The Age of Artentisham

MPORTANT husiness called me East room after
the meeting with Hall dearthed in the foregring chapter, and bafore I again saw the Grant
Toton very stirring swents had taken place.

You very fairing sevent had taken place.

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also, the demand gradually increased; but the wonderful Taton mine assemed equal to all calls upon After the fallure of the mining operations there was a moderate revival of the efforts to reduce the ern. Prospectors also wandered all over the earth looking for pure artemisium, but in valu. The peneral public, knowing nothing of what Hall had discovered, and still believing Syx's story that he also had found pure artemisium in his mine, accounted for the fallere of the tunnelling operations on the autorogities that the motel, in a free state, was ercossively rare, and that Dr. Syx had had the luck to strike the only win of it that the Grand Teton contained. As if to give countenance to this opinion. Dr. Syx new announced, in the most public marrier, that he had been deceived some, and that the vein of free metal be bod struck being onbausted. no other had appeared. Accordingly, he said, he must beneaforth rely exclusively, as in the begin-

ning, upon reduction of the ore.
Artentition bad preved light an immerce boost to mankind, and the new ern of commercial preventy which it had unkered in adversely exceeded overwhing that the world had known in the past. School-children iskered that human evoluntation had school-children iskered that human evoluntation had not been also been al

and the "ege of artemisium."

The Mobs Object to the Restriction of the World's

NEVERTHILESS, sources of distribution finally began to appear, and, after the nature of each things, they developed with contribution of the current segment to granulte contributions of the current contribution of the current control, the manufacture of the current control, the current control of the current current control of the current current control of the current current control of the current current control of the current current current control of the current curr

commission for restricting the columns. Dr. Syn. was described as "n devil lish sucking the veins of the planet and holding it belokes in the green of bis tentecular billions." In the United States meettings of agitators passed fertone repolations, denoticing the government, sassifing the rich, cureing Dr. Syx, and calling upon "the oppressed" to rise and "tales their own." The final optoms was, of course, violence. Mobs had to be suppressed by military force. But the most dramatic scene in the traredy commed at the Grand Tetan. Revolted by eral thousand armed men assembled in the neighborhood of Jerny's Lake and prepared to attack the Syx mine. For some reason the military reard had heen depleted, and the mob, under the leadership of a man named Bings, who abowed no Bittle talent as a commander and atracterist, surprised the small

Then came denunciations of the international

force of soldiers and locked them up in their own pural-brane.
Telegraphic communication beying keen cut off by the autitude Birgs, a force attack was made on the mine. The seculiaris swarmed up the aldes of the caryon, and aintereded to leavels in through the formishing of the buildings. But the massery was survered that they and anti-pural, and the attack convert that they and anti-pural, and the attack with the security of the security of the security of his delights, and kept up an insessant propering of the wells with concelled helding drives at four themselves.

No reply ones from the gloony structure. The page estimate of these contour new interceptority has estimated ables contour new interceptority and the structure of the structure of the structure consol for an instant. The main gathered closer or consol for an instant. The main gathered closer on which was reported below the propose in the charge structure. It is a structure of the structure of the structure of the structure of the structure of long withfield at 9 destructive a isominachemse. If we with faight, it was evident that the will confident of how a branched the branches of the structure of the long withfield and the structure of the structure of the long withfield and the structure of the structure of the long withfield and the structure of the structure of the long withfield and the structure of the st

and feet per second.

CUDDENLY it became evident that the besicged were short to take a hand in the fight. Thus far they had not shown thereselves or fired a shot, but now a movement was perceived on the roof, and the projecting arms of some kind of mathinery became visible. Many markemen concontrated their fire upon the mesterious objects. but amerently with little effect. Blugs, mounted on a rock, so as to command a clear view of the field, was on the point of ordering a party to rush forward with axes and heat down the formidable doors, when there came a blinding flash from the roof, comething ewished through the six, and a guet of heat mot the assailants in the face. Binry drowned dead from his nersh and then, as if the covibe of the Destroyer had swine downward, and to the right and left to quick specession, the closepecked mob was lavelled, rank after rank, mutil the

memery." However, Howard and the best right of the right and left in galet successful, the observed paper manny after the dimmediation of gold as a pecied only were levelled, road after work, until the paper manny after the control of the right and the "noting boxese"—becreving a term recommendation of the right and the "noting boxese"—becreving a term and recommendation of the right and the

and avercarbine the military guard-house, undid of the end was close at hand. the featuring and get the imprisoned reldiers from "I think I one paying rather dear for my whistle," he said, with a characteristic onser, to Captain Carter, the commander of the troop. "It seams that I must not only defend my own people and property when attacked by mob force, but must also some to

and the marksmen fell in bunches 10to sheken

grapte. Nine-tenths of the besiegers were destroyed

within ten mirester after the first movement had

been neticed on the roof. Those who surveyed ewed

their escape to the rocks which concealed them, and

chastro, and, as soon as they were beyond eve-shot

the door. Emerging without sign of fear or excita-

ment, he picked his way among his fallen enemies,

Then the towering form of Dr. Syn appeared at

from the mill, they fled with namic speed

THE MOON METAL

the reacus of the soldiers whose pay-rolls are mot The captain made no reply, and Dr. Syx strode hark to the works. When the released selfiers asse what had accurred their amazement had no bounds this was no easy undertaking for their small force. However, they accomplished \$6, and at the beginning of their work made a most surprising discov-"How's this, Jim?" said one of the man to his

from my pocket."

of Dr. Syn's withering fire. "What's this follow out all over him!" "Artemisium! 'non my scul?" responded Jim. staring at the body. "He's all created over with it,"

End of the Biot MMEDIATELY from all sides came similer

guelamoticus. Every man who had fallen wee covered with a film of the precious metal, as it he had been direct into an electrolytic bath. Clothing peemed to have been charred, and the metallic atoms had penetrated the flesh of the vistims. The racks all around the battle-field were cistlingly ve-

"It looks to ms," said Captain Carter, "as if old Sex had turned one of his spouts of artemisium into "That's it," chimed in a houterest, "that's exactly what he's doze." "Well," returned the captain, "if he can do that,

I don't see what use he's got for up here." "Probably he don't want to waste the stuff," said the lieuterant, "What do you supress it cost him "I guess a month's pay for the whole troop wouldn't cover the expense. It's costly, but then-

gracious! Wouldn't I have given scenething for the dector's hose when I was a votagetter exmuelening in the Philippines in '99?" The story of the marvellous way in which Dr.

world for many days. The hone-pine theory, ptruck off on the engt by Captain Carter, referd the poreslar fancy, and was generally accepted without further question. There was no element of the ledicrous which robbed the tragedy of some of its hower.

CHAPTER VIII The Detective of Science THE moraling of my arrived at Grand Teton station, on my return from the Rast. Andrew Hall met me with a warm execting "I have been anxiously expecting you," he said, "for I have made some progress towards solving the great mystery. I have not yet reached a conclusion, but I here soon to let you into the entire

means when so savagely attacked, and his triumph-

As to the demagogues who were responsible for the outbreak and its terrible consesuences, there

and sponess, no has then the incornity which was

supposed to underlie it, pixond him in an barois

siunk out of the public eye, and the result of the

hattle at the mine seemed to have been a clearing up

of the atmosphere, such as a thursderstorm effects

But now, little as men succeed it, the beginning

light which he had not hitherto enjoyed.

at the cious of a session of fort weather.

secret. In the meantime you can gid me with your companionship, if in no other way, for, since the defeat of the meh, this place has been mighty lenehave no particular husiness out here carefully aveid. I am on speaking terms with Dr. Syx, and opensionally, when there is a party to be shown around. I vitit his works, and make the hest posalble use of my eyes. Captain Carter of the military is a sanital fallow, and I like to bear his stories of the war in Lunco forty years ago, but I want surpobody to whom I can occasionally confide things, and

so you are so welcome as moonlight in harvesttime." with the meb. Did you see it?" "I did. I had get wind of what Bings intended to do white I was down at Poestello, and I hurried up here to ween the soldlers, but unfortunately I came. too late. Finding the military ecoped up in the guard-house and the meb meaters of the situation. I bent out of sight on the side of the Teton and watched the slace with my bipocular. I think there

was very little of the spectacle that I releved?" "What of the mysterious force that the doctor employed to sweep off the assailants?" "Of course, Capitals Capter's suggestion that Syx turned molten artereisium from his furmos into a hese-pipe and sprayed the enemy with it is ridirelous. But it is much taster to dismiss Carter's theory than in arbailints a butter one. I saw the dortor on the roof with a gang of black workmen, and I noticed the flash of polithed metal turned rapidly this way and that, but there were some in-

tersuning chateole which prevented me from getting tainly bere ne recombiance to a hose-gipt, or anything of that kind. No emanation was yieldle from the muchine, but it was stepsfying to see the mab

"How about the coating of the hodies with arte-

misism 50

"There you see back on the host-pipe again,"

Moreover, no one could deav that Dr. Syx was well

laughed Hall. "But, to tell you the truth. I'd rather

he expected from expressing an entrior on that on-

within his rights in defending himself by any

erution in wholesake electro-election just at present. test my theory a little before I formulate it. In the "Certainly; nothing could please me better." I

AMAZING STORIES

realied, "Which way shall we go!" "To the top of the Grand Teten." "What I are you seized with the mountain-climb ing fever?"

"Not exactly, but I have a particular reason for withing to take a look from that pinnasis." "I suppose you know the real spex of the peak has never been trodden by man?" "I do know it, but it is just that spex that I am

determined to have under my feet for ten minutes. The fallure of others is no argument for us." "Just as you say," I rejoined, "But I suppose there is no fudienration in asking whether this little climb has any relation to the mystery?"

blink," "If it didn't have an important relation to the charring up of that dook thing I wouldn't risk my peck in such an undertaking," was the reply, Wandering Over the Great Toton Peols

OCORDINGLY, the next morning we set out for the peak. All previous elimbors, as we were aware, had attocked it from the west. That seemed the obvious thing to do, because the westward slopes of the mountain, while very steep, are less abount than those which face the rising sun, In fact the costory side of the Grand Total appears to be absolutely unclimable. But both Hall and I had had asperience with rock climbing in the Alce and the Delemiter, and we knew that what looked like the hardest places sometimes turn out to be next to the ensuest. Accordingly we decided-

the more particularly because it would save time. but also because us wielded to the common desira to cutde our professessors—to try to ecale the giant right up his face. We carried a very light but exceedingly strong rose, about five hundred feet long, were nell-shed a hea East botstoq-laten a chan had bee special arnall hatchet in lieu of the regular mountaineer's are Advancing at first along the broken ridge batween two steeps we gradually approached the stronger part of the Toton, where the cliffs looked on sheer and smooth that it seemed no wender that no-

hady had ever tried to scale them. The air was deliciously clear and the sky wonderfully blue above the mountains, and the moon, a few days post its last quarter, was visible in the southwest, its pale creacest face slightly blood by the atmosphere, as it always appears when som in daylight.

"Slow westering, a phanteen sail-The longhy seed of vesterday,"

Rehind us, somewhat north of east, key the Syx works, with their black smoke rising almost vertically in the still air. Suddenly, as we stumbled slone on the rough surface, something whisted pest my

face and fell on the rock at my feet. I boked at the strange missile, that had come like a moteor out of onen space, with astonisbreest. It was a bird, a beautiful specimes of the scarlet tanagers, which I remembered the early explorers had found inhabiting the Tetro canyons, their brillient nitrope horrowing spiender from contrast

aspect, while the faming color of the brenst was half obliterated with amulty natches. Steening to wick it up I noticed a alloht brocesing which instantly recalled to my mind the peculiar appearance "Lock bere?" I called to Hall, who was several vants in advance. He turned, and I held up the bird by a wing?" "Where did you get that?" he saled, "It fell at my feet a moment ago."

with the gloomy surroundings. It lay motionless,

Hall slanced in a startled manner at the sky, and then down the slope of the mountain. "Did you notice in what direction it was flying?" "No, it dropped so close that it almost graced my peec. I saw pothing of it uptil it made me

Andrew Hall Does Not Tell Everything HAVE been headless " mattered Hall render his breath. At the time I did not notice the singularity of his remark, my attention being absorbed in contemplating the unfortunate tanager. "Look how its feathers are scorobed." I said "I know it," Hall replied, without glancing at the

"And it is covered with a film of artemisium," I added, a little ploped by his abstraction, "I know that, too." "See here, Hall," I exclaimed, "are you trying to

make game of me?" "Not at all, my dear follow," he replied, dropping his cardation, "Pray forgive me, But this is no new phenomenon to me. I have picked up birds in that condition on this mountain before. There is a terrible revotery bore, but I am slowly letting light into it, and if we exceed in reaching the top of the peak I have good hone that the illumination will "Here pow," he added a moment later, sitting

down men a rock and throuting the blade of his penknife into a grevice, "srbat do you think of this?" He hold up a little recent of pure artemitium. and then went on: "You know that all this slove was sweet as clean as a Dutch housewife's kitchen four by the threesands of miners and prospectors who awarmed over it a year or two ago, and do you suppose they would

"Dr. Sex must have been solting the mountain again," I suggested "Well," replied Hall, with a significant amile, "if plain enough. But perhaps you would like to know the topknot of the Yoten.

"I should certainly be delighted to learn the obiset of our fourney." I said. "Of course Pm only oning along for company and for the fan of the thing;

aid whenever you need it." "It is because you are so willing to let lise keep my own counsel," he reloised, "and to wait for times. Now, as to the object of this break-neck

things to riven before compelling me to disclose them, that I like to have you with me at critical expedition, whose risks you understand as fully as I do, I send not same you that it is of supreme importance to the success of my plane. In a word, II hope to he able to find down into a part of III. Syx's mill which, if I am not mistakes, no human you except his eard those of bit meet trustweetly below has even been permitted to see. And if I are three what I fully expost to see, I shell have get

THE MOON METAL

as long step sterer to a great fortune."

"Good!" I cried. "En overet, then! We are lesing time."

CHAPTER IX

The Top of the Great Terror

The Top of the Grand Toton

If E climbing seen became difficult, until or
length we were going up hard over hand,
tiking advantage of crevies and krobe
which an incorrelenced eve would have regarded as

which in inexperienced eye would have regarded as loospable of afferding a grip for the fingers or a support for the tees. Presently we arrived at the foot of a strepackon preceiple, which was absolutely insurmountable by any ordinary method of ascent. Parts of it overhung, and averywhere the face of the rick was no free from irrecularitin to afford are

feeting, except to a fig.

"Now, to harrow the expression of old Bunyan, we are hard put to it," I remarked. "If you will go to the left I will take the right and see if there is

say chance of getting up."

"I don't believe we could find any place canter than
thio," Hall replied, "and so up we go where we are."

"Have you a pair of wings concealed about you?"
I saled, laughing at his folly.
"Well, comstring nearly as good," he responded, unstruction his language. He produced a silien

hear, which he unfailed on the rock.

"A halbon?" I exclaimed. "But how are you going to 'testase it?"

For reply Hell showed me a receptacle which, he said, contained liquid hydrogen, and which was send on the contained liquid hydrogen, and which was

caid, contained liquid hydrogen, and which was herrished with a devise for returning the politification of the liquid as that it could be carried with little loss.

"You remember I have a remail inherentry in the abundance limit," he explained, "where we used to manufacture liquid air fer blasting. This believe I made for ear measure arrows. It well just seef.

for to carry up our rops, and a small but practically introducing regular of hardward grid. I calculate to cand the graspie to the top of the percipies with the bullows, and when it has obtained a sitem hold in the rives rook there we can accord, sailor fashion. You see the repet has knots, and it know your muscles are an trustworthy in such work as my own." There was a shight showed from the astiward, and

You see the eyes has lixeds, and I loove your massive. There was a sight it seem from the actuated, and the current of all abustless up the face of the peak assisted the bolices in ascending with the burden, assisted the bolices in ascending with the burden, ship, with the grupple enough between the contract of the peak and the current of the peak as t

"Try, try again' must be our motto now," mut

de to e o first," and Hell, probing me saids a leaght to such the first hard show up had. "The and either of some probes, and it's only fair that I should have the first prof."

Climbing Town Peek and Trying for Its Samuel.

I a minute he was many feet up the well, either hing widthy hand over hand, int boundhousing withly hand over hand, int boundhousing within her well.

We tried several times with the same result, al-

"Now, all together?" cried my companion, and

though each time we elightly shifted our neelties.

simultaneously we threw our weight upon the skuder rope. The anchor apparently did not give

At last the grapple caught

ing owithly hand over hand, inti-occidentially attorping and twinting his let arcent the roy willish to took breath.
"To caster than I copected," he still of down, when to be took becomes about own himbred feet. "Here our better than I copected," he still of the took better than I copected, which is the took of the t

erevice, and alony ploughing by way branch the close the first himselve of the elither, and has traor other pail was needed to sell it fiving 15 oviced was to be used to be a sell of the control of the or a certain knot in the rope remained plat at the lovel of my eyes, where it had been from the start. Hall was now fully two handreds feet above the region was now fully two handreds feet above the was now fully two handreds feet above the the precipite. In a minute more he would be the precipite. In a minute more he would be the precipite, in a minute more he would be and the board, I now that he was fulling I file step his for the beart, in own that he was fulling I file step his for the beart, in own that he was fulling I file step his for the tree, and earns down free furnament. I may

feelings; I would not no through that experience again for the price of a billitable, Net it hateful sees than a second. He had dropped not more than ten feet whose the flaw was arrested.

"All right?" he called, shorelly. "No harm decel it was only a cill." If the ballete had not carried the nather neveral yards basic from the cape; it has tarbor neveral yards basic from the cape; it has the property of the cape; it is bold to it that forward. And how could we know that the recent bold would prove mice secure than

the first! Hall did not hesitate, however, for one instant. Up be west again. But, in fact, the best chance was in going up, for he was within four practs of the top when the midston occurred. With a practic of the top when the midston occurred. With a the verge and then writigels his bely upon the logic, A few seconds later, he was belying on his stomach, with his face over the clay, beining does at no. "When one!" he should. "I've hall right!"

side I grasped his hand and precord it without a word. We understand one another. "It was pertly close to a miracle," he remarked at last. "Look at this." The rock our which the grappic had alipped was deeply second by the surjeiding point of the metal.

 deeply secred by the unyielding point of the metal, and emetally at the verge of the precipice the precip had wedged itself into a narrow creek, so tirrely that we had to chip away the otons in order to release it. If it had dipped a elapse in shorther belease it. AMAZING STORIES

fore taking hold it would have been all over with mountain into two parts, we saw the singular onclosure of stones which the early white environment

The Summit Assemed hy the Two Employers TO UCH experiences shake the strongest nerves. S and we est on the shift we man an annual fully a quarter of an hour before we wintered fully a quarter of an hour before we wintered directly above us. It was not as lefty as the one we

had just assembled, but it impossed to such a dewhile it aware free in the air Luckily we had little difficulty in cetting a grin for the proper, and we took every precaution to

test the security of the anaborage, not only putting our combined weight repeatedly upon the rope, but flipping and jerking it with all our strength. The granula resisted every effort to diclodes it, and finally I started up, insisting on my turn as leader. hundred feet, but that is a very great distance to climb on a swinging rope, without a wall within reach to assist by its friction and occasional friendly protections. In a little while my mevements, to-

parted a most distressing oscillation to the rope. This sensitions exerted me with a nerve-chalcing bane aminst a prominent point of the precipion where I would dislodge loose fragments that kept Hall dodging for his life, and then I would swing out, superently beyond the brow of the chiff below, so that, as I involunturily glanced downward, I surmed to be hanging in free space, while the store mountainaide, looking ten times steeper than it roally was, recembled the vertical wall of an ab-

colutely bottomiens about, as if I were suggested over the edge of the world I avaided thinking of what the grapple might be about, and in my house to get through with the awful experience I worked myself fairly out of

breath, so that, when at last I reached the rounded brow of the citif. I had to stop and cling there for fully a minute before I could surmon strength enough to lift myself over it. When I was assured that the grapple was still securely fastened I signalled to Hall, and he secu

stood at my side, exclaiming, as he wised the perspiration from his face "I think I'll try wings next time!" But our difficulties had only begun. As we had foregoen, it was a case of Alp above Alp, to the very limit of human strength and nationee, However, it

would have been impossible to go back. In order to descend the two precipiets we had surmounted it would have been necessary to leave our life-lines ellinging to the rocks, and we had not rope enough to so that. If we could not reach the top we were

A View from the Summit and Soving on Dr. Sys WAVING refreshed ourselves with a bite to A climb. After peveral hours of the most exhousting work I have over performed we pulled our weary limbs upon the narrow ridge, but a few avenue wards in area, which constitutes the spex of the Grand Teton. A little below, on the opposite side of a stren-walled one which divides the top of the

found there, and which they astribed to the Indiseas, although nobody has over known who holls The view was, of course, superb, but while I was admiring it in all its wonderful extent and variety, Hall, who had immediately pulled out his binomiar. was been inspecting the Byx works, the top of whose great tufted smoke column was theseands of feet benesth our level. Jackson'e Lake, Jenny's Lake, Leigh's Loke, and several lakelets glittered in the sunlight amid the pale grave and greens of Jock-

it or what purpose it served.

patiently.

the moon."

son's Hole, while many a hending reach of the Snake Biver abone smid the wasten of mere-brush and "There?" suddenly exclaimed Hall. I thought I should find it."

"What?" "Take a look through my glass at the roof of Syx's mill. Look just in the centre, "Why, it's coop in the middle!" I cried as soon as I had not the glass to my tyes, "There's a hig circular hole in the centre of the roof." "Look inside! Look inside!" remeded Hall im-

"I see nothing there except semothing hright." "Do you call it nothing because it is bright?" "Well, no." I replied, laughing, "What I ween is that I see nothing that I can make anything of excent a shining object, and all I can make of that is that it is bright," "You've been in the Syx works many times.

haven't you?" "Yes." "Did you ever see the opening in the roof?" "Newer."

"Then Dr. Syx doesn't show his visitors everything that is to be seen." "Evidently not since, as we know, he concealed the double tunnel and the room under the fur-Dace."

Dr. Syx Ari Alebemiet

P. Syn has concealed a higger searet than that," Hall responded, "and the Grand Teton has helped me to a glimpse of it. For reveral minutes my friend was absorbed in thought. Then be broke out: "I tell you he's the most wonderful man in the

morbi !* "Who, Dr. Syx? Well, I've long thought that." "Yes, but I mean in a different way from what you are thinking of. Do you remember my asking you once if you believed in alchemy?"

"I remember being greatly surprised by your question to that effect." "Well, now," said Hall, ruthing his bands with a

with the reflection of come percing threath, "Max Syx is greater them may alchemist that ever lived. If those old fellows in the dark ages had neormplished everything they set out to do, they would have been of no more enmouremen in communication with our black-browed friend down pupier thanthan my head is of consequence in comparison with

"I fear you fister the man in the moon," was my Isarbine reply. "No, I don't," returned Hall, "and some day you'll admit it." "Well, what shout that semething that shines down there? You seem to see more in it then I Dr. Syx In Suspicious About the Climb to the Surgrit

THE MOON METAL

UT my companion had fallen into a reverie and didn't hear my question. He was caring abstractedly at the faint image of the wardering moon, now nearing the mountain-ten in the distance. Presently his mind seemed to return to the old magnet, and he whirled about and glanced down at the Syx roll. The soloren of smoke was diminishing in volume, an indication that the engips was about to enjoy one of its periodical rests. Tas irregularity of these stoppeges had always been a subject of remark among practical engineers.

The hours of labor were exceedingly erratic, but the engine had never been known to work at night, except on our occasion, and then only for a few minuter, when it was suddenly stopped on account of a Just as Hell resourced his inspection two hard quarter suberes, which had been resting wide apart on the roof, moved towards one another until their arched sections met over the circular aporture which they severed like the dome of an observatory.

"I expected it," Hall remarked. "But come, it is mid-afternoon, and we shall peed all of our time to get safely down hefore the light fades."

Dr. Sys. Speaks to Them S I have siready explained, it would not have heer rossible for us to roturn the war we came. We distrimized to descend the comparatively easy western slopes of the peak, and pass the night on that side of the mountain. Letting ourselves down with the rope into the hollow way that divides the remark of the Total Into two visuacles. we had no difficulty in descending by the route followed by all provings climbers. The weather was fine. and, having found good shelter amone the rocks. we massed the night in cornfort. The next day we succeeded in swinging round upon the eastern flook of the Teten, helow the more formidable cliffs. and just at nightfull we arrived at the station.

As we canned the Syx mine the doctor himself confreeted us. There was a very displeasing look of his dark countenance, and his sneer was strongly "So you have been on top of the Teton?" he said. "Yes," replied Hall, very blandly, "and if you have a tasts for that seet of thing I should advise you to so up. The view is immense, as fine as the

hest in the Alos." "Pretty incenious plan, that balloon of yours," continued the doctor, still looking black, "Thuck you," Half replied, more susvely than over. "Ten been planning that a long time. You probably don't know that mountaineering used to be my chief amusement." The dieter turned away without norming the

to per out the string, and the kits rose very spiffle "I could kick muself." Hall muttered as som as scope of the transit enshled me to follow it with Dr. Syx was out of earshot. "If my should wish

may not really suspect the truth, and if he does he can't help himself, even though he is the richest man in the world." Stronge Fore of a Kite BE you ready for another tramp?" was Andrew Half's greeting when we mot

from the reak. "Cortainly I ame, What is your programme for "I with to test the flying qualities of a kite which I have constructed since our return last night." "You don't allow the calls of sleep to interfere vary much with your activity." "I bewar't much time for elem just now." replied

to outdo others had not blinded me. I should have

known that he would see us only on this side of

the peak, particularly with the balloon to give us

away. Howayer, what's done can't be undone. He

Hall, without smiling. "The kits test will comy up up the figures of the Teton, but I am not going to try for the ten this time. If you will come about I'll ask you to help me by carrying and operating a light transit. I shall earry another myself. I am desirous to get the elevation that the kite attains and certain other data that will be of use to rec-We will make a detour towards the routh, for I don't went old Syx's suspicious to be prodded any more." "What interest can be have in your kite-firing?" "The same interest that a hureler has in the repof a policeman's night-stick."

"Then your experiment to-day has some consection with the solution of the great sevetery?" "My dear fallow," said Hall, laying his hard on my shoulder, "until I see the end of that mystery I In a few hours we were clembering over the broken rocks on the southeastern fisak of the Teton at an elevation of about three thousand feet about the level of Jackson's Hole. Finally Hall penied and hagen to put his kits together. It was a small boxshaped affair, were light in construction, with years

al Ass. "To order to diminish the chances of Dr. Sys noticing what we are about," he said, as he worked away, "I have covered the kits with sky-blue paren This, together with distance, will probably insure us against his notion." In a few minutes the kits was ready. Having ascertained the direction of the wind with much attention, he stationed me with my transit on a

corresponding work, and reacht another past for him. salf at a distance of two hundred varie, which he carefully measured with a gold fact. My instead tions were to keep the telescope on the kite as soon as it had attained a considerable height, and to note the angle of elevation and the horizontal angle with the base line joining our points of observation. "Re necticularly careful" was Hell's intention "and if anything bycome to the kits by all means note the apples at that Instant." As soon as we had fixed our stations Hell began

As it sped away into the blue it was soon practionly invisible to the noked eye, although the teleAssisi Trigenometry—Hall Referent

LANGING arone now and thus at my conpassing, I retired that he was heaving enaddership difficulty in a the carne time, managing the little and manipulating his trensit. But
at the little continued to rise and retailed in the
time to be the same and the same and the
canada to remove his eye from the telescope while

"Don't loss sight of it now for an instant?" he shouted. For at least half an hour he continued to manipulate the string, sending the late now high towards the samith with a under pull, and then letting

the smith with a cudden pull, and then letting it draft off. If neemed at last to become almost a fixed point. Very slowly the angles changed, when, sudfectly, there was a fixed, and to my amorement I saw the proper of the Life aberies and disappear in

a momentary flame, and then the hare sticks came tumbling out of the sky. "Did you get the angles!" yelled Hall, excitedly.

"Yes; the tolecrope is still pointed on the spot where the litte disappeared."
"Read them off," he called, "and then get your angle with Syx works."
"All right," I replied, doing as he had requested,

and noticing at the same time that he was in the set of putting his watch in his pocket. "Is there mything elso?" I asked. "No, that will do, thank you."

Hall came running over, his face beaming, and with the air of a man who has just hooked a particelarly comming old front.

"Ah!" he carelalmod, "this has been a great sus-

case! I could almost dispense with the calculation, but it is best to be sero."
"What are you shout, anyhow!" I seled, "and what was it that happened to the kite?"

"Don't interrupt me just now, please," was the only reply I received.

Mr. Hall Decides to Try Alchemy Too

"S HEREUPON my friend sat down on a rock,

pulled out a pail of paper, rated the angles which I had read on the trainit, and full be figuring with feverabl haste. In the course of his work be consulted a pocket airmans, then glassed up at the eley, mattered approximation, and finally leaped to his feet with a half-suppressed "Hurrahl" II I had not known him to well I should have thought

"Will you kindly tell me," I asked, "how you managed to set the kife after?"
Hall langhed hearthy. "You thought it was a trick, did you?" said he. "Well, it was no trick, but a wery heautiful demonstration. You curely haven't forgotten the scarcht tanager that gave you

have? I foresten in some straint. To starry, have? I foresten in save you such a surprise the day before yesterday."
"Do you mean," I exclaimed, dearthol at the suggestion, "that the fate of the bird had any connection with the accident to your kits."

"Actident isn't procinsly the right word," replied Hall. "The two things are as intimately related as own herbters. If you should eare to hant up the late sticks, you would find that they, too, are now artemistican plated."
"This is getting too does for me," was all that

I could say.

to make another dive, and if I don't being up transtere greater than Vanderdeken found at the bition of the son, then Dr. Syx is even a more weaderful luman mystery than I have thought him to be.

"The black the date of the Greath Teleon siy above and go to Sun Prancisco, where I have an extensive historiety."

"I are not absolutely confident that I have

extensive laboratory."
"So you are poing to try a little alchemy yourself, see you!"
"Perhans: who knows! At any rate, my good

friend, I am ferever labeled to you for your satisface, and even more for your discretion, and if I succeed you shall be the first person in the world to hear the nave."

CHAPTER X Better Thun Alsheny

TOME now to a part of my narrative which would have been domed altoyuther incredible in these design years of the strateenth extract that withouted the first steps towards the solution of the deepast mysteries of the ether, at though most error then held in their bands, without knowing it, powers which, after they had been provided in the step of the steps of the step of the steps of the step of t

For six morths after Hall's densiture for Six Prancisco I based seching freep him. Notwithstanding my intense desire to know what he was oblige, I did not seek to disturb him in his redirment. In the meantime things ran on as usual in the words, only a ripple being caused by reserved disportation of the manufacture of artesistions on the wark of my friend when in disledend a fink of the

At last one day I received this telegram at my office in New York:

"San Francisco, May 16, 1940.

"Come at once. The mystery is solved.

"(Signed) Hasa."

"Come at once. The mystery is solved.
"(Sigred) Haat."
"As seen as I could pask a grip I was flying wasward one hundred miles an hour. On reaching Sen Francisco, which had make enercome strides since the spening of the twentieth century, owing to the extension of our Ornental passessions, and which

already ranked with New York and Chicago ameng the financial capitals of the world, I hastened to Hall's beheralory. He was there expecting me, and, after a hearty greating, during which his elation over his success was manifest, he said:

"I are composited to ask you to make a little lower.

of "Tan compelled to sak you to make a little journey. I found it impossible to secure the necessary e-privacy here, and, before opening my experiments, i- I asketed a site fee a new inheratory in an unfrequented upot among the mountains this side of d Lako Taboe, You will be the first man, with the

apporatur, and you shall show the sensation of the critical experiment."
"Then you have not yet completed your solution of the score?"
"You. I happy for I am as certain of the result as if I had seen it, but I thought you were entitled light in the tube quickly died away, the vapor

A Visit to the Hall Laboratory, Experimenting With a Gold Cathode ROM the nearest railway station we took hories to the inboratory, which occupied a secleded but most beautiful site at an elevamounted with a dome, recalling what we had seen

Hall, observing my book, smiled significently, but said nothing. The laboratory proper coupled a smaller building adjoining the deried atructure. Hall led the way into an apartment having but a single door and illuminated by a akylight. "This is my sanctum sancturum," he said, "and

you are the first outsider to enter it. Soot yourself comfortably while I proceed to provell a little cor-Near one end of the room, which was about thirty feet in length, was a table, on which lay a glass tube about two inches in diameter and thirty a lump of yellow metal, which I took to be gold this table was an avenuatus finished with a concave mirror, whose optical axis was directed towards the tube. It occurred to me at once that this an-

electric waves. Wires ran from it to the floor, and in the cellar beneath was anothly the heating of an engine. My companion made an adjustment or "Now, keep your eyes on the lump of gold in the farther end of the tube vender. The tube is upon the gold an intense electric influence, which pole. I only use this term for the sake of illusdays of Crookes it was known that a cathede in an

exhausted tube would project particles, or stome, of This grew more intense, until, at times, it was blinding, while, at the same moment, the interior of the tube seemed to have become charged with a "Watch! Watch?" said Hall. "Look at the nearer

end of the tube?" "Why, it's becoming mated with gold?" I ex-Centification of the Experiment

f B smiled, but made no reply. Still the strange process continued any poly was became so dense that the jump of gold was no longer visible, although the eye of violet light glared piercingly through the othered for. Every second the daposit of metal, abining like a mirror, increased, until suddenly there came a curious whistling sound. Hall, who had been adjusting the mirror, terked away his hand and care it a flip, as if hot water had scattered it, and then the escaped, filling the room with a peculiar atmulating oder, and I purceived that the end of the gold was slowly dripping from it. "I carried it a little too far," said Hall, ruefully rubbing the back of his band, "and when the short mays way under the atomic bomberdment a few harm done. You observed that the instant the air electrified mass of sold, the action coased." "But your anode, to continue your simile." I said.

"True," he replied, "but in the first place, of course, this is not really an anois, just as the other is not really a cathode. As science advances we are compelled, for a time, to use old terms in a new sease until a fresh numenclature can be inyented. Ret we are now dealing with a form of electric action more subtile in its effects than any at present described in the text-books and the trapattempted to work out the theory of it. I am only

"But wonderful as the exhibition you have given "Listen," replied Hall, settling back in his chair after disconnecting his apparatus. "You no doubt have been told how one night the Syx engine was night work it was ever known to have done, and how, hardly had it started up when a fire broke out in the mill, and the engine was instantly stopped to the mystery, although it was rather a more suc-

out of it. The alleged fire occurred about a fort night after our directory of the double turnel. Syx, because I thought that a man who would feel The Specialous Actions of Dr. See Ecological es T T was a giorieus night, with a full moon, whose face was so clear in the limpid air that,

having found a mug pince at the foot of a yelodiferous poedles. I lay on my back and renamed my early acquaintance with the remantically named mountains and 'neas' of the Lunar globe. With my binecular I could trace those long white streaks which radiate from the crater ring, called "Tythe," called the various theories which astronomers

to a more or less confiding public concerning them "In the midst of my meditation and moon gazing I was stortled by bearing the empire in the Syr works spidealy begin to run. Immediately a queer Hobt, shaped like the beam of a shire gearthight, but reddish in color, rose high in the mountit heavens above the mill. It did not last more than a spleade or two for almost instantly the engine was soon disappeared. The next day Dr. Syn cave it out that an starting up his engine in the night something had capably fire, which cormelled him immediately to shut down again. The few who had seen the light, with the exception of your humble a question. But I know there had been no fire, and Syx's anxiety to spread the he led me to believe that he had narrowly exceed giving away a vital secret. I said pathing about my suggestions, but men invairy I found out that an extra and pressing order for metal had arrived from the Apetrica government the very day of the restanded free and I drew the inference that Syx, in his heate to fill the order-his approx having been drawn less when started to work, contrary to his custom, at night, and had immediately found resect to repeat his rushness. Of course, I connected the strange light

"My sucultions having been thue stimulated, and having been directed in a certain way, I begin, from that moment to notice closely the hours during which the engine labored. At night it was always quiet, except on that one brief occasion. Scenetimes it began early in the morning and stepned short noon. At other times the work was deep entirely in the afternoon, beginning semetimes as late so three or four e'clock, and ceasing invariably at sandown. Then again it would start at nearing and continue the whole day through,

with this sudden change of mind

"For a long time I was unable to account for cred much clearer, although a startling suggestiveness was added to st, when, at length, I noticed that the periods of activity of the engine had a definite relation to the age of the moon. Then I discovered. with the aid of an almose, that I could needed the hours when the engine would be busy. At the time of new moon it worked all day; at full moon, it was liffe; between full moon and last ougeter, it inhered in the forement, the length of its working hours increasure so the quarter was approached; between hast quarter and new moon, the hours of work lengthened, until, as I have said, at new moon they lasted all day; between new moon and first manter, work began later and later in the forescore so the quarter was approached, and between first quarter and full meen the laboring hours randly shortened, being confined to the latter part of the afternoon, until at full moon complete gilengerearned in the mill."

The Moon Is Concerned in Dr. Syn's Mystery "I Fill! well" I broke in, greatly automished by Hall's elaguar recutor, have thought Dr. Syx was a cross between an alchemist and an antrologer." "Note thin," said Holl, digregarding my interruption, "the hours when the engine worked were in-

variably the hours during which the moon was shove the borison?" "What did you infer from that?" "Of course, I inferred that the moon was directly

reported in the resistent but hom? That bothouse me for a long time, but a little light broke into my mind when I nicked on on the recentainable of dead hird, whose eccepted feathers were bronsed lar victim of a mysterious form of death. Then came the attack on the mine and its tracis finish. I have already told you what I choered on that occupier. But, instead of balaing to clear up the mystery, it rather complicated it for a time. At length, however, I reasoned my way partly out of the difficulty. Certain things which I had noticed in the Syx mill convinced me that there was a part of the holiding whose existence no visites segmented. and, patting one thing with another, I inferred that the roof must be open above that secret part of the structure, and that if I could get give a suffiriently elevated place I could see something of what was hidden there. "At this point in the investigation I proposed to

with artemicism, and sometime later another simi-

you the trip to the top of the Tetan, the result of which you remember. I had calculated the angles with great care, and I felt certain that from the arex of the mountain I should be able to see a view into the concealed chamber, and into fast that side of it which I wished particularly to inspect. You remember that I called your attention to a shining object undernesth the circular coming in the roof. You could not make out what it was but I saw enough to convince me that it was a signatic parabolic morror. I'll show you a smaller one of the same kind presently. "Now, at last, I been to perceive the west truth

but it was so wikily incredible, so infinitely remote from all busson experience, that I hardly ventured to formulate it, even in my own secret mind. But I was bound to see the thing through to the end. It occurred to me that I could prove the accuracy of my theory with the aid of a kite. You were kind enough to land your assistance in that experiment. and it gave me irrefragable evidence of the existence of a shaft of fiving atoms extending in a direct line between Dr. Syr's pretanded mine and the tnoon!"

"Hall?" I exclaimed, "you are mad?" My friend smiled good-naturedly, and went on with his story, Why the Kite Was Berned

HB instant the kits shrivelled and disappeared I understood why the works were lifle when the mosn was not above the herison, why hirds flying across that fatal beam fell dead upon the rocks, and whence the terrible master of that prestory mill derived the power of destruction that could wither an army as the Assyrian bost

in Byzon's poem: "Melted like grow in the glance of the Load," "But how did Dr. Syx turn the flying atoms against his enomies?" I seked.

"In a very simple manner. He had a wirror mounted so that it could be turned in any direction, and would shout the stream of metallic atoms. heated by their friction with the air, towards any desired noint. When the attack came he raised this

machine above the level of the roof and sweet the mob to a lustrous, if expensive, death," "And the light at night-"

"Was the shining of the heated atoms, not luminous enough to he visible in broad day, for which reason the engine nover worked at night, and the stream of volatized arteminism was never set flowlarge marabella mirror to transport the worse in ing at full meen, when the lunur clobe is above the perallel long erected the reachinger and buildless horizon only during the bours of darkness," here, and when all was ready for the final emeri-

"I see," I said, "whence came the nurrets on the mountain. Some of the atoms, owing to the resistance of the air, fell short and settled in the form of invaluable dust until the winds and raise collected and compacted them in the cracks and crevious of the rocks."

"That was it, of course."

"And now." I added my amagement at the acccosn of Half's experiments and the accuracy of his deductions increasing every mument, "do you any that you have also discovered the means appleared by Dr. Say to obtain extendation from the many th "Not only that," replied my friend, 'but within the next few minutes I shall have the pleasure of

presenting to you a huiton of moon metal fresh from the voice of Artemis hernelt." CHAPTER X

The Lording of the Moon

WSHALL spare the reader a recital of tireless efforts, continuing through many almost sleenless weeks, whereby Andrew Hall obtained his clew to Dr. Syx's method. It was manifest from the beginning that the sound excounsed most be nome form of otheric, or no-called electric energy; but how to set it in operation was the weathers. Firely he hat upon the agreeratus for his initial experiments which I have already described. "Recurring to what had been done more than half a century ago by Harts, when he concentrated electric waves upon a focal point by meens of a concave mirror," said Hall, "I may that the key I wented by in an extension of these experiments. At lest I feard that I could transform the sporey of an engine into unfulations of the ether, which, when they had been concentrated upon a metallic object. like a chunk of rold, imported to it on totense charge of an amporantly electric nature. Unonthus charging a motallic hody suclosed in a vacuum. I abserted that the crarge imparted to it managed the remerkable power of disrupting its storm and projecting them off in straight lines, were much as covers with a cathode in a Crooker's tube. Butand this was of supreme importance—I found that

the line of projection was directly towards the armsvalue from which the investig profuging the charge had come. In other words, I could produce two poles between which a murrellons interaction occurred. My transformer, with the consentration misses acted as one pole, from which coarse was trensforred to the other note, and that other role tromediately flang off atoms of its own substance in the direction of the transformer. But these stores were storged by the gless wall of the vacuum tube; and when I tried the experiment with the motal removed from the vacuum, and surrounded with air

"This at first completely discouraged me, until I suidenly remembered that the moon is in a vacuum, the great vacuum of interclanetary grace. and that it possesses no percentible atmosphere of Ha corn. At this a great light broke special me and I shouled 'Eurekal' Without hesitation I constructed a transformer of great names, ferelebel with a Details of Hall's Experiments

ment I telegraphed for you?"

REPARED by these explanations I was all an fire to see the thing tried. Hall was no less eager, and, calling in his two faithful assistants to make the final adjustments, he led the way into what he furnishment named "the brook chamber "

"If we fail," he remarked with a smile that had an element of weeriment in it, "it will become the functio chargier -but no danger of that. You oblie red curved over at the top like a crans. That constitutes the pole from which I propose I expect the storm of atoms to be centred by refice-"One moment," I said. "Am I to understand that

you think that the moon is a solid mass of artemisium, and that no matter where your radiant force strikes it a 'cathodic sale' will be formed there from which atoms will be recipcted to the carth?" "No," said Hall, "I must corefully choose the point on the lines surface where to counts. But that will everent no difficulty. I made on my mind as come as I had ponetrated flyn's recret that he obtained the ractal from those mystic white streaks which radiate from Tyrbo, and which have pended the avtrememore ever alone the invention of telescopes. I now believe those streaks to be recommend of improves unless of the westel that they has been send appropriately named artemisium, which was of course, recognize as being derived from the pario of the Greek godden of the moon, Artends, whim the Rowsens selled Diago. But near to resel !!" It was less than a day past the time of new moon, and the certh's natellite was too mear the sun to be widthle in broad daylight. Accordingly, the mirror had to be directed by means of knowledge of the

With breathless interest I watched the proceedings of my friend and his assistants. The strain upon the nerves of all of me was such as could not have been burne for many hours at a stretch When everything had been adtracted to his cotiafaction. Hall etermed back, not without between his excitement in flushed chocks and finshing eyes, and reversed a lever. The powerful engine underneath the floor instantly responded. The experirecet sees become

moon's place in the sky. Driven by accurate chek-

direction when once not

"I have set it upon a point about a hundred miles north of Probo, where the Yerker photographs show a great abundance of the white substance," said Then he writed. A minute element. A bird

fluttering in the opening above, for a succeed or two, wrenched our strained nerves. Hall's face. turned naie. "They had better keep away from here." he white-

pered, with a obsetty smile Two minutes! I could hear the besting of my heart. The angine shock the floor Three utrustes! Hall's face was wet with permi

Hall Produces Actorishers On a Small Scale "OHE minutes! We were like statues with all eyes fixed on the polished ball of silver, which

shops in the brilliant light concentrated man Pive minutes! The shining ball had become a

confused him, and I violently winked to clear my

"At leat | Thunk God | Look | There it is !" It was Hall who spoke, trombling like an amen. The officer knot had showered color. What sagmed a ministure rambow surrounded it with concentric

Then semething dropped flashing into an earthen dish set beneath the ball! Another glittering drop followed, and, at a shorter interval, another l Almost before a word could be attered the drope had conlesced and bocoms a tiny stream, which, an it fell twisted itself into a bright surrel cleaming with a hundred chiffing buen, and forming on the bottom of the dish a glowing, interfacing rease of winted storm and clerkets, which turned and turned

about and over one another, until they had blended lie felly. Hall matched the dish away, and placed another in its stead. "This will be about right for a watch charge when it cools," he said, with a return to his quotemary as)f-command. "I premised you the fred specimen.

"But can it be possible that we are not dreaming?" I contained. "Do you really believe that this comes from the mount

"Just an surely as rain comes from the clouds." cried Hall, with all his old impatience. "Haven't l just aboved you the whole process?" "Then I congratulate you. You will be as rich as

shall hardly do more than supply momentees to rev friends. But stree the referbile is established, the rest is more detail." fifty works later the despoist century of the couth were shaken by the news that a new supply of arterelations was before resolveted from a suffl which had been secretly opened in the Sierres of California, For a time there was almost a name. If Hall had churen to do so, he might have precing tated perious trouble. But be immediately entered into reguliations with government convenintatives. and the inoritable result was that, to recover the monetary system of the world from unbuscal, Dr. Sex had to consent that Hall's reill should shore accessibly with his in the weatherties, of extensistent

During the negotiations the dorter maid a visit to Hall's establishment. The meeting between them was most drametic. Syx tried to blact his rival with a glance but knowledge is namer and my friend faced his mysterious sutagonist, whose deepest secrets be had penetrated, with an unflinching eye. It was remarked that Dr. Syr became a changed man from that moment. His manterful the arrangement which received him to share his enormous gains with his conquerer. The Syz Mill In Blown Up

P course, Half's success led to an immedi-ate recrudescence ed the afferts to extract artigations from the first of course, every such attempt failed. Hall, while keening his own secret, did all he could to discoursee the experiments, but they naturally believed that he must have made the way discovery which was the subject of their dreams, and he could not

oss of the planet, directly undeceive them. The consequence was that fortunes were wanted in hopeless sline their even, the deluded fortune-seekers kent on in the face of codiess disappointments and dis-And presently there came another tragedy. The Say mill was blesse and The assidest-ellbruch many people refused to regard it as an accident,

and aspected that the doctor himself, in his chaurin, had sociled the match-the explosion, thee, occurred shout sundown, and its effects were awful. The erest works, with everything pertaining to them, atoms. They disappeared as if they had never existed. Byen the twin tunnels were involved in the rule, a yest cayffy bring left in the recentainolds where first ten area had been. The force of the explosion was so great that the shuttered rock was reduced to dust. To this fast was owing the eccape of the troops camped near. While the mountain was sheling to its eero, and enermous paraof the Teton, no missiles of appreciable size tryversed the air, and not a man at the camp was injured.

But Jackson's Hole, filled with red dest. "Perhaps," was the unperturbed reely, "lut not lected for days afterwards like the mouth of a tremendous volcano just after an eruption. Dr. until I have enlarged my apparatus. At present I Syr had been seen entering the mill a few misutes before the estastrophe by a sentinel who was statiened shout a marrier of a mile away, and who although he was felled like an oy by the sheek. and had his eyes, ears, and postrile filled with flying dust, mireculously excepted with his life. After this a new arrangement was made whereby Andrew Hall became the sale producer of artemisiure, and his wealth began to mount by loops of mil-

lions toward the sterry beliebts of the billions. About a year after the explosion of the Syx mill a pent, in Hungary, where it was averged several persons of credibility had seen De. Mor See. Millions had been farrillar with his face and his necessal as through photographs and descriptions, and unless there was an intention to decribe it did not seem ressible that a mintake could be made in idea-

There surely payer was another man who keeked just like Dr. Syr. And, besides, was it not generally known that he must have perished in the swful

Pablic Property "YOON after came a report that Dr. Nex had been seen again; this time at Eksaterinburg, in the Urale. Next be was said to have paid a visit to Betang, in the mountaineds district of southwestern China, and fasily, according to rumor, he was seen in Sictly, at Nicolost, arrove the volcame pimples on the southern slope of Mount

Next followed something of more curious and even the first remore of Syx's responsence had placed the mysterious doctor, amounced that he could proprocess account. Hardly had the sensation equied by this news partially subsided when a similar report arrived from Einsterinburg; then another from Ba-

tang; after that a fourth from Nicelesi ! Nobody could full to notice the coincidence; wherever the doctor-or was it his ghost?-oroeared, there, shortly afterwards, somebody discovered the much-sought secret. After Syx's appearitions rapidly increased in fre-

ment of another productive arterisium mill. He "It is the old dector's rewron," said Hall to me one day, trying to smile, although the matter was too serious to be taken humorously. "Yes, it is his

price of artemisture has follow one-half within are months. All the efforts we have made to held back the floor have proved useless. The secret itself in becoming public preparty. We shall inevitably be grid, and the last condition of the firencial world My friend's gloomy prognessications came near being fulfilled to the letter. Ten thousand setumini,

ure mile shot their etherse yave upon the moon, and our unfortunate satellite's metal ribs were stripped by atomic force. Some of the great white rays that had been one of the telesconic wonders of the lunar hadscapes disappeared, and the face of the meen which had remained methanged before the eves of the children of Adam from the beginning of their race, now looked as if the blast of a furnace had sweet it. At night, on the managered side, the carth was studded with brilliant spices, all pointed at the heart of its chibi in the aky

But the looting of the most brought disseter to the robber planet. So mad were the efforts to get the precious motal that the surface of our clube was fairly abowered with it, productive fields were in some cases, almost smothered under a metallic creting, the air was filled with thining dust, until sucial disaster to numbe the graceing world Then, at last, the various governments took effec-

tive measures to protect themselves and their people. Another combined effort resulted in an internstional agreement whereby the production of the precious mose metal was once more rigidly con-Dr. Syx had so long enloyed, and in the enloyment

ANY years after the events last recorded I N cat, at the close of a brilliant autum day, sade by side with my old friend Andrew Hall, on a broad, vine-shaded roarm which food the rim of the Sierra, and replacing the row comter-glow of senset with its silvery radiance. The sight was calculated to carry the minds of both back to the events of former wars. But I noticed that Hall quickly changed the position of his chair, and out down amin with his back to the risms moon. He had managed to move some millions from the wreck of his vast fortune when artemisium started to on to the dogs, and I was now paying him one of my armaal visits at his paintsal home in California, "Did I ever tell you of my last trip to the Tuton?" he asked, as I continued to gaze contemplatively at the broad lunar disk which slowly detached itself from the horizon and began to swim in the clear

couled him, was henogforth rendered impossible.

CHAPTER XII

The Last of Dr. Syx

evening sky. "No." I replied. "but I should like to hear about

"Or of my last sight of Dr. Syx?" "Indeed! I did not suppose that you over naw him after that conference in your mill, when he had to surrender half of the world to you,"

"Once only I saw him again," sold Hall, with a "Pray on ahead, and tell me the whole story." My friend lighted a fresh cigar, tipped his chair into a more comfortable position, and begon: "It was about seven years ago. I had long felt

Teton and the scenes smid which so many strange ing for you to go with me, but I knew you were abroad much of your time, and I could not be certain of catching you. Finally I decided to go alone. I travelled on hersebook by way of the Suske River canzon, and arrived early one morning in Jackson's Hole. I can tell you it was a gloomy place, as barron you have been describing to me. The raffroad bad loug are been abandened, and the site of the milltary camp could searcely be recognized. An immense

cavity with rarged walls showed where Dr. Sax's mill used to send up its plume of black specks "As I started up the gaunt from of the Teton, whose beetling precipoes had been smashed and split by the great explosion, I was sained with a resistion impulse to climb it. I thought I should like to peer off again from that punnels which had once formed so fateful a watch-tower for me. Turntom, and carrying my rope tether along as a persible aid in climbing, I set out for the ascess. I ern side, which we were able to master with the aid of our belieco, and so I bore round, when I

reached the steepest cliffs, until I was on the couth-

wentern side of the pask, where the climbior was

eatier. (Continued on page 581)

The EGGS from LAKE TANGANYIKA



ROFESSOR Meyer-Mader draw a sharp spedie out of the cashica, carafully packed up with the placers the fty lying in frost of him and stack it carafully one a piece of white paper. He lected over the rim of his glasses, dipped his pen in the fink and wrote under the specimen:

"Green's palpalls, specimen from Tasbesty Biver. In the aborgami language termed poissed. Usually found on river courses and lakes in West Africa. Beaver of the tracks. Nevers. (Teacher alternative statements)

and lakes in Woof Africa. Beaver of the malady Negram (Too-tee sickness— sleeping sickness.) He laid down the pen and took up a powerful magnifying glass for a closer examination. "A horrible creature," he murrawed, and shitvered involuntarily. On each side of the lead of the flying horror, three was a monitous are surrounded by

horror, three was a monitrous eye surreaused by many sharp indees and divided up their a hundred intensated flashing fracts. As uply probased thirdly allower also of the head. The virgin were small and pointed, this lays armed with thoras, square and clowe. The threes was unusuale, the third of clowe. The threes was unusuale, the third of the probability of the contract of the contra

dragen, was not very pleasant looking—Pref. Mayar-Mainer took a pin rasi transitated the body of the fig. It received to him that a vicious where of light consusted from the eyes and that the probaer rolled up. Quickly he piction up the angulying gians, but it was an optical illustics—the thing was used, with all its pattern attribution to body.

dead, with all its points still within its body.

Memories of the Especialism to Africa

**TTTH & deep sigh he lab! saids pincers and

magnifying glass and mark into a deep reverse. The clock strack 12, 2-2-3-4-5, counted Professor Meyer-Maler. In Udjuly, a village on like Tangsaylia, the an-

tive had told him of gigantic fice inbatting the interior further seth. These monstars were three times as highest glasis comparing a he giant bodygann of the Prince of Sougel, who all had to be of at least atmooul height. Meyer-Maier

and height. Mayor-Maier cound is thir story is or lengthed over this nagre exactorizes. fable, but the negroes were obstinate. They refused to follow him to the northern part of Lake Tangangika. Even Min-vers, his black secvant, who otherwise made an intelligent impression,

The clock struck 6-7-8.

CRIBBOT TO some one of the property of the control of the control

The ratives had come along on the expedition much against their will. Mayor-Maler had trouble to keep the canswam myring up to the day when he found four greet, athungs looking aggs, larger than cottrake over. The accretos were assissi with a senie.

helf of their descriting in the night, in spite of the great distance from the casat. The other half could only be kept there by treasmons effects. He had to make up his mind finally, to go back, but his exercity you the eggs be had found into his comping there to solve their riddle. New they were here in his Berlim home, in his

Now they were here in his Beriin home, in his work-room. He had not found time as yet to examins them, for he had brought much material home to be worked over.

be worked over.

The clock struck 9-10.

Moper-Maior kept thinking of the ugly head of the
tectes fly that he had seen through the magnifying

rises. A strenge thought occurred to humanitarian this state, and the gipton the stories of the marce moter true and the gipton tifes—butterlies are better as the gas eightest after and strength of the stre

A Stronge Sound and the Heating of An Egg T T E broke off suddenly, in the midst of Ma

In frome off anishealty, in the moist of Me implement of the language of the l

oblien is Adata

the writing. He term do is he light not being being had ask halo a deep restruck 12, 100-40, being restruck 12, 100-40, being relien, being relien, being relien, being relien, being relien, being relien special resulting with vingslien, being relien special resulting with vingslien, being relien special resulting with vings
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millow and to wear governserves are deceiving servey to himself. "Hypered, and drapped himself to the comp-thest. But he because freeze with heaver. One age was bevore to be because freeze with heaver. One age was bevore to be compared to the server of the server of the compared to the server of the server of chanically. At last his mind cleared and he service to the emergency. He groups to the deck, sustitude up

his revolves, run downstairs and out into the street, He may no trace of the comped glant insect. Meyer-Maier lecked up at the lighted window of his house, Saddanly the light bearns dim. "The other eggs" —like a blow same the thought—"the other cere too. have broken." He raced back up the steirs. A deafcance haming filled the recen. He prized has door open and ford—care, twice, until the magazine was coupty—the room was silent. Through the window he saw three sillnestites sweeping high across the nupto-sky and disconcering in the direction of the

the control of the co

M EVER-MAIRE, each type a chair, "the against oil leafs," be thought, and glanced, and glanced, and glanced at the energy revolves in hos band, "My definition has taken wings and cownel out of the expendence of the sense of the control of the sense of the control of the contr

"What's the trouble?" saked Schmidt-Schmitt,
"My African girst eggs have burst," lisped
Mayer-Maier with a falling voice. "You must come

"Your nerves are out of order," snawared a Schmidt-Schmitt. Have you still got the creatures"
"They've gone," whispered Mayer-Maitr,...he

"They've gone," whitepered Hayer-Kaite,—at thought he would cellipsee,—"they not of the windaw,"
"There, there," langhed Sohm it-Schmitt. "Now, we are getting to the irrath—of course they aren't there. Asylow, I'll caure over, Meanwhile take a

comme and put on a celd make.

"This your eas, and my nothing about what I told you."

Professor Meyer-Maker hung up the receiver. It was intraditible. He pressed his hand to his forehead. If the empty shells were not irrefutable ridners, he would have been institute to think of ridners, he would have been institute to think of

halberinstices.

He helped binself to some brandy and after the occord glass he felt hetter. "I with Professor Schmidt-Schmitt wealt come. He ought to be here by new. He will have an explanation and will help we be received a second and the second second

me to get myself in hand again. The day of ghants and mirrodus in long past. But why inn't he here's He ought to have come by this time." Mayor-Maire looked out of the window, A car came tearing through the dark street and stapped with standard properties of front of Mayor-Mairie.

residence. A form jumped out like an india rubber bell, ran up the steps, burst into Meyer-Malen' study, and estlapped into a chair. "How awful," be gasped.

"It occurs to me, you are even more excited ever in them 1," and Professor Mayer-Maker dispitated, while he variabled his stability friend.
"Absolutely terrible" Professor Schmidel-Schmidt whych his foreboad with a silk handkerchief. "You were not suffering from nevers, you had no hallowing the stability. Just now I saw in Sporestire as large as a bester failing upon a howe. The mostler grew belief radius guns a howe. The mostler grew has a sufficient of the stability of the same o

in its body. The driver fainted with fright and has not come to yet. It is a world estastrophe."

Notifying the Police
"TYTE must notify the solice at once."

A quick talephone connection we obtained. The police Licutemant in charge himself arroweed.
"This is Professor Hoyer-Maier talking! Pleases believe what I am going to tell you. I am galther

helieve what I am going to tall you. I am neithor drunk ner cracy. Four polynomous gigantic files, as large as horson are at large in the city. They must be destroyed at all costs."

"What are you trying to do? His mo?" the lieuterant same hask in an anory roise.

tenunt cames bask in an angry voice.
"Belleve mes—for God's sake," yelled Meyer-Maier, reaching the end of his nervous strength.
"Held the wire." The Lieutenzet turned to the deak of the serpeant. "What is up new?"

"ness the work." The Leatmant earned to the deak of the sequent, "What is up new?"

"A eab driver has been here who says that his horse was killed by a gignatic bird on Karlstrasse."

"Get the men of the second photon ready for immediate action" he ordered the acrossate, and turned leak to the tolenhome. "Helb Professor!"

Are you still there? Please come ever as quickly as possible. Wast you talk me is true. One of these giant insects has been seen,"

Professor Meyer-Maier lung up. He leaded the sealers and out a Brownton nited into his sale

league's hand. "In your cor still downstains?"
"You I took the little limeasine."
"Broslbest—then the monster counct attack us."
They realed on through the night.
"What one horses your!" Inquired Predesor

"What can happen now?" inquired Prefessor Schmidt-Schmitt.

"These giant files may propagate and multiply in the manner of the bouncity. And in that case, due to their attracts and postcorous qualities" continued

their streighm and precedence galactice commonly problems (Regard-Roles, "When they even from the problem in a few wester. When they even from the theory within an input. Gold process when will happin next. Let us laye and pray that we will will happin next. Let us laye and pray that we will be able to find and kill the four title and electroy the egrs which they have laid in the meantime, willn froutnoss days."

The car come to a step in front of the Pelice Station. A policeous arms of with steel belows and hand trench bumbs swinging from his helt tore open the limoustee deer. The lieutenant hastened out and confusted the neientists into the station burso.

"Any more news?" inquired Mayer-Maier.
"The West Precinct station just called up. One
of their patrolums awa a giant animal fly over the
Testeburger Forest. Luckily we had war teals
near there which immediately set out in search of

near there which immediately set out in search of the creature."

The telephone-hall rang. The Bentanant rushed to the abone.

the temporary and transport of the phone.
"Central Police Station."
"East Station tailing. Report comes from Lake
Wisher, that a gipanite fly has attacked two mater

a "Fut small trench mortars on the pelice-best and
g yo out on the lake. Shock when the beast yets near
you."

The door of the Station-House opened and the
offer commissioner entered. "I have just heard some

THE EGGS FROM LAKE TANGANYIKA 349 fabulous stories," he cald, and approached the visitual intelligence attendants come rushing into the

tors. "Professor Mayer-Maser? Major Prinsi-Wilsell! Can you copain all this?" Through bene with me four large ages from my African expedition, for examination. Tonight these eags broke open. Four great files came cut—a cort of two-tee fty, such as is found on Lake Trangmitts. The creatures excepted through the window and we

eggs rowe open. Four great mes came out—a core of two-tee dry, such as is found on Lake Trangunyka. The creatures escaped through the window and we must make every enhancer to kill them at once." The talephone bell many as if possessed.
"This is the Control Broofessting Station. A

"This is the Central Broadeasting Station. A grant hird has been cought in the high voltage lines. It has followed down and line on the street."

"Close the street of once." The major took up the instrument. "Call up the Second Company, Let all four dying companing nor dwith munities and gas-

instrument. "Call up the Second Geograpy. Let all four flying companies go off with munitien and gasellus for three days. Come with me my friends, we will got at least one of them!"

we will get at least one of them!"
An armised automobile same tearing along at a
frightful speed. "We appreciate your foresight,
Major," asid Meyer-Maier, as they stopped into the

steel-armoved machine.

One of the Gant Plies Is Electrocated

A LTHOUGH it was five o'clock in the meri-

A ing, the square in front of the heodeasting statistic was black with people. The police legit a space clear in the center, where mentatronaly large and ugly, by the feed giant fly. Its wings were larned, its probactic extended, while the legs, with their chaw, were drawn up against the body. The abdresse was a great half, full of hright red liquid. "That is centainly the creature that killed the

horas," and Schmidt-Schmidt, and pointed at the thirk abdemax. He then willed ergend the creature. "Orientes popular has necessarian victorians and the creature received by the second property of the proper

perced. A bright body with vibrotime wings five arrows the sky. The surfames dropped on it. The property of the property of the property of the good of the transferred market. The tepforth of the property of the property of the property of the remaining, the purple field from the street and crewhed life to the beause. They couldn't full where the latest would fill and they were affeld of thatther the property of the property

"Take me to my home, Major," ground Meyer-Maier. "I can't stand it any longer. The excitement is too much for me."

If the Haspinal I the Haspinal Harmonic Company of the Harmonic Company of the

recen. One figure shood out in dark colors, in the group of white-dial interns. It was his colleague, Schmidt-Schmitt.

"You're awake?" said be, and stopped to his hell. "How are you feeling?"
"My head is hundre as if there were a swarm of

"My head is hundring as if there were a swarm of bornets living in it. How many hours have I lain here?" Schmidt-Schmitt dwell upon the word. "Hours?" Schmidt-Schmitt dwell upon the word.

"Hours?" Schmidt-Schmitt dwelt upon the word.
"Today is the fifteenth day that you are lying in
Profuser Stebiling's santerium. It was a difficult
case. You always woke up at meal-time and without
case. You always woke up at meal-time and without
case. We always are to sleep again."
"Fifteen days?" oried Mayer-Maior continuity.

"And the insects? Have they been slilled."
"Tit tell you the whole story when you are well again," said Schmidt, Schmidt, againty limit. "Lie as you are, quietly—easy excitement may hart you."
"They mad not not seen into the roun." be arranged.

"They must not come into the roam!" he screamed out to an excited measurer, who branklassly palled the door open. "Professes! ""the man was in deadly fear "the Central Police station has given out the

news that a swarm of giant fibes are descending upon the city."
"Barricate all windows at once!"
"You wasted precious time," accessed Moyer-Major and Second Comments.

"You wasted previous time," accumed Magne-Major, and jumped out of the bed. "Let me go to my house. I must solve the riddle as to have to as of the insects. Devit toom me," he raved. He are the medium of the medium of the house, and jumped thought wast, ran out of the house, and jumped the medium of the house was which stood at the grain, and well like the wind, to his keens. The door of his house was agir. He numbed unfour Englishs and in deligious hadre ruled

into his workeroon. The baselone bell rang.

The Danger Lo Over

The Danger Lo Over

The Baselone Control

The Danger Lo Over

The Baselone Control

The Danger Lo Over

The Danger Lo Ove

the swarm with a cloud of polism-gas. Only two of the insects exaped death. These we have complet in a rast and are taking them to the modepleal gardens." "And if they have best eggs bettind them?" "We are going to search the weeds systematically and will inject Lyaol into any eggs we find. I think that will heft," longhed the Maior. "Shall I

think that will help," larghed the Major. "Shall is send some of them to you for examination?" "No," cried Meyer-Male: in fright. "Keep them off my nack."

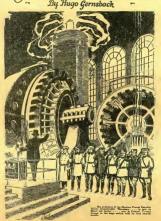
He sail down at his work-table. There seemed a victors studie on the face of the transfered deed have

too fir. "You frightful about," auranted the reteasor with pallf lips, and theve a book on the insect. His head was it a date. He tried his best to think charly. An action of softene came to him: if the files are as large as obsphath, ting can only prograption as fatt as obsphrath do. They can't have a million young one, but only a few. "I can't be wrong," be maximed. "I'll hold up the confirmwrong," be maximed. "I'll hold up the confirm-

He took up the telephone and called the city Commissioner. "Major, how many insects were in the swarm?"

(Continued on page 384)

The MAGNETIC STORM By Hugo Gernsback



HY" Sparks had stepped reading the New York Evening World: He contemlated his old meanschaum pipe meditatreely while with his long and hasky in-dex finger, etained by many solds, he carefully rebbed a long, thin and outvering ness, This was always a sign of deep, concentrated thought of the ness's owner. It also, as a rule, induced the birth of a great sice. Again, and very slowly be re-read the article, which millions that same day had read easually,

without a quiver, let alone, a nose quiver. The news-NEW YORK, Aug. 10, 1917.-An electro-Marnetic storm of areat violence sweet over the Due to a brilliant Aurera Bercells,-the Northern Lights,-telegraph and lang distance telephone, as well as cable communications were interrupted for hours. No telegraphic traffic was possible between New York and points West. It was impossible to work any of the transstlantic cables between 12:15 A. M. and 9:15 A. M., every one of them having "gone dead." The Aurora Bereally disturbance of fected all telegraph and telephone lines extending between Chicago and the eastern cities.

On telegraph wires of the Postal Telegraph Co. without regular hattery being applied at terreinal effices, excended fires showed a notential of 425 volts positive, varying to 225 volts negative; the disturbance continuing hetween 12:15 A. M. and 9:15 A. M. At Newark, N. J., in the Broad Street often a Western Union coverstor was apprehi shocked, trying to course the key, while long

Sperks rose excitedly and began pacing the cement floor of the yest Trulo laboratory, totally ob-

livious to the fact that he was encking a cold pipe, The more he naced about,

ing lynch or else while in bed, in the small hours of

the morning. His thirst for electrical knowledge

was unbounted, and he scaled up every hit of in-

formation like a spaper. Yes, and he retained it.

the more excited he became. Finally be flung himself into a chair and sketches on hig white sheets of drawing paper. "Why" Sparks had been just an ordinary "Bug," an experimenter, when he Nikels Tests, who read the original proofs of this search laboratory at the story, endreger the idea. He kinnelf was able to have out beginning of the great war in 1914. Tush liked

the keen, red-haired toustion electric forest at this electron, without mires. ed to divine your thoughts before you had uttered free words. His clear blue eyes, lying deep in their sockets, sparkled with life and intelligence and what Sparks did not know about is no slectrical book in existence that Sparks had not

strode better blood, in 1832, taken he may also able to

THE MAGNETIC STORM too. In short, the young profity was a living elec-

trical cyclopedia and highly valued by his associates. No wonder Teals in three short years had made him Saarin' Pirat Name

F course. Sparky' first name was not really "Why." But some one had dubbed him with this sobriquet because of his eternal "But sales in this "-"Why, why should we not do it this way"-"Why do you try to do that?" In short his first word always seemed to be "Why,"-it had to

be, in his upending quest of knowledge. And his "Why" was always very emphatic, explosive-like, immerative, from which there was no speane. Ah, yez, his first name. To tell the honest truth, I don't know it. Last year in the spring when I west up to the leboratory. I thought I would find out. So when I finally located the young wonder, behind a bus ber, where he was drawing fat, blue

sparks by means of a screwdriver. I told him that I intended to write something about him and his wonderful electrical knowledge. Would be be enough enough to give use his real first name? He was watching a hig fuse critically, and in an abart-minded reasoner enviseded: "What" Than finished my mission. And for all I know his real name is "Why" Sparks.

But we left Sparks with his drawings, in the laboratory. That was on a certain exemps in 1817. To be coact it was about 10 o'clock. At 10:05 Tests accommended by two high army officials strolled into the laboratory where Sparks was still feverishly engaged with sketches bring all about him. Trais who was working out a certain armovalue

for the Government had dropt in late to show Major General McQuire the result of eix weeks' labour. The arearctus had been completed that day and the General, a military electrical expert, had ocons over But before Tesls had a chance to throw in the switch of the large return

IVIIS story may written during the world mor, loss belasped up, and was waying excitedly a large It is believed in some quarters that here we have the drawing in Teolo's fuce. electricity there exploited a mander of years later by Grindell Mantiener, ethiologic he admin schoy that the decide ray was pure fetten. Nevertheless at some fature date it will be consider to do but what the maker tolls us

He gunhed forth a torrent of esptences, and for fully five minutes Yesla were Intening apall-hourd to the young inventor. For a minute or two the less, fooking awe-struck at Sparks, who, boxing de-

converter, Sparks had

livered himself of his latest cutberst, now became morned souls and lit up has still oold nine. It was Teals who first found his voice. "Wonderfol. wooderful. Absolutely mender-ful. Sparks. To

planet. And his idea is sound." This to the General. "Absolutely without a flaw. And so simple. Why, oh whyl did I not think of it before? Come, let me shoke the hard of America's youngest and

greatest genius!" Which be did. There then followed an emitted thirty-minute convariation with the two army man and an endless bone distance talk solds the Way Description of Washington. Then there was a rush trip to Washinoton by Tesla and Sparks, conferences at the War

Denartment, and finally a few days later Sparks went to the White House and was presented to the President, who was highly enthusiastic about the head of the Nation. Still later there were cortain rush orders from the War Benertment to the General Electric and Westinghouse Corenanies for many hip, order machines, and these same machines were shortly . . . But here the Consor bids us an emphatic "Hali." One may not even now divides exetain military information. You appreciate that

Bekind the Germon Lines.

ARON von Unterrithter's flying "Circus" was setting ready to bomb a certain American depot behind the lines. The Approximate

of late had shet down entirely too many of the Baron's fiyers. Only yesterday wen der Halberstadt-a German are himself-and one of you Unkilled traids of the German lines. So the Baror

"Verdammte Vankes Sakorinskunde * we will show them who in master of the air hereabouts," shables his fet at the American lines beyond. "No Maller," this to an orderly, "Zu Refeld, Herr Leutaant," reolled the young contarts as he caree on the rest and stond at attention

slicking his heals together, hand at his can. "Veracemberg, asfort," burked the chief, as he hastened Müller off to summen post haste every

before the attack. In less than fen reliquies the thirty flygre were standing drawn up at military attention before there churf, forming a half circle about him. Van Unterrichter's instructions were simple enough. This was a reprised raid; you der Haiberstadt's doubt must be averaged, fearfully averaged. No quar-

ter was to be given. "Dieses Amerikanische Gesindel!"-here his voice rose to a shrill pitch, "must be taught to reeyery American have bosoital within the meter

At this several of the men receiled isvoluntarily. rithter, who now incensed to blind fury, by this abow of "voftheartedness," as he put it, exhorted his men in his harshest possible terms. "And as for their fivers, you must not give quarter. You Kill them! Schienst die Laumen gwegmenen! Purm night into them, if you see that they was land othermed"-this in direct violation of all flaing etimeette-a thing abborred by any deeped from as a rule. It is had enough to have your machine abot down but "diffing on a disabled exempts toll." and pouring machine gun fire into a betriess man. struggiles in midair washet was German progrises

not like anch libertles with their house, but seden Olive expedition of fundam terror-res and of this story,

were orders. They grumbled andibly and cost not wary emoperating looks at their object. Even his parting shout; "Voruntrio-far Gatt and Voterlord," failed to bring the usual choors,

The German Acrist "Circus" DEOMPTLY on the minute of 10 the diffeen dyers of the "Circus" rose, like a flock of hig white sea gulls beading in "V" formation towards the American lines. Von Unterwisking was leading his herd in a hie Politice. He was cut for bleed and he meant to have it. His face was

set, his jaws cleached like a vice. Hate was written in large characters over his face. Why didn't these Dellarjager stay home and mind their own business chasing their deliars? What right did they have in this fray, snyway. "Eleudige Schweine-

Assete," he spoke out load, to better yent his over-But where were the Yankon Phonor today? The Baron's "Circus" was up one thousand meters and has than a mile away from the American first line

trenches, but still no machine in sight, either American or Franch, Strange, Quite an unknown of occurrence. Afraid? "Uneiss," he muttered to himself, they were not the sort to be afraid. Von Unterefebter buest that. For the first time he felt could not understand. There was not a Flience anyscanned the yest samer below him through his

Zeles. Was it a new trick, was Before he finished his train of thought, his exgine stormed dead. Carriers volubly he made needs to "bonk" has marking in order to volution down behind his own lines. He congretulated himself that his engines had not stopped inter while ever the energy's lines, but his pleasure was short-fixed. Too a surecone opict reigning all about him. Why did

gites, now that his own angine was quest? Leeking around he perceived with horzor that avery one of the fourteen machines of the "Circus" had signaltancously "grose dead" and all of them seems note

The "Circus" Decrease Disabled

C ICK with an unknown turror, you Unterrighter nude a clumy landing in the midst of his some with a strange around expendencing in their owns distinct the different engines, one thousand meters

"Himstellyrengionnersetter," shrisked von Unterrichter jumping to the ground, near his airbroke. For the first time in his life the young Prussize was appealing. He then stowned his fast in a framciod fury, but family care west to a full round of carsing. At last he collected his access suffielerally to look for the carries of the mentorious occurs rence. It only took five minutes to find it. His

mechanician mointed to the resorrato "Kanut," he said laconically, if not grammatically, "Austicander welmen," corresponded the chief It took the deft mechanistan but a minute to take

THE MAGNETIC STORM the marnete apart, and to withdraw the armsture. "Halle, kalle" . . . but he went no further. The He gave it one look and with a sinkly amile uttered: recolure flow from his our for there had been a land clattering, rattling, ear-splitting noise in the instru-

"Avegebraunt, Herr Leuband." Herr Leubant took the armstore into his ours hands and impacted it critically. Sure enough it was burnt out, if over there was a burnt out armature. Perhaps fused would be a better term. The armeture was beyond repair, a child could see that. He firms it away magnete. Burnt out, too!

meshanic had already located the trouble-in the Von Unterrichter unutterably sick at heart, simleasty varietized short the other machines. To each cano the result was the same : Every moracio armature of the fifteen there once barnt out the wires "Aber to 'sone", muttered you Unterrighter, looking about him helplessly. It took fully five minutes before it filtured through his thick skull that this

disputer that courtook his "elecut" could be no "Verfluckte Amerikance", he said, "probably a new Tenfelmankine of William !! But what would the Kommando say to this? Instantly he stiffered as he jumped into a waiting automobile, attacked to the airdrens.

"Zom Kommando, achnell", he ordered the driver as he sank beck into his seat. He must report this queer business to handoungiers at once. The driver created the engine, then created it some more.

Pfut . . . ofut . . . nfut . . . suntfered the sprine asthmatic-like, but it did not start. He treed again. The Useless Automabile

ONNERWETTER necknal," stormed the Haron vexed over the delay, "some fet denn setet four why in thunder dea't you stark you miserable deg? But the carize would not start. The purplexed chauffour climbed into the next of the old siyle car, which still had

He faithful spark colls, so necessary to the ignition arritem. But the mark coil refused to work, although the storage bettery was fully charged and all the connections were right. Cautionaly he pulled out one of the mark coil write from the how. One "Aussebrannt, Herr Lentnest," he said weakly,

for he had seen the burnt out magneto armstures a few relautes before Von Unterriebter, with area almost pecming out of his band, was struck absolutely speechless for half a minute. "Helliger Strokngeh", he muttered

awo-struck, remembering his young sister's favoribe examples, wherever compathing out of the outleasur happened to her. He finally collected himself and ficignity and immed out of the car-"From Telefore" he wrettened to himself the sense report this present occurrence at case to the Keenseconds. Not a passed uses to be last. We at last usdeveloped that sumothing recognitions had harmoned

telephone. He gave the handle armral quick turns. grauped the receiver and simultaneously bellowed And General telescope are margane operated. To cell Correl proment term the handle of the maging suspens.

foelish grimson so he held his ear with his hand, Cautiously he approached the receiver to within a few inches of his other cor and listered. All was quiet, not a sound. Mechanically be unscrewed the receiver can and looked at the two hobbins. Then stere elerred and block. The telephone was dead, To the Radio Transmitting Station ABB instrument allowed from his hand and dangling by its red and nursely cord worst

ment that almost hurst his cordrers. He made a

grashing against the wall of the airdromewhile was Unterrichter limply sank juto a

Once more he got up and walked out. He would get in touch with his General at all costs. This was becoming too serious. Ah . . . he had it, the

deld telegraph. There was one at the other end of the hullding. He would there as foot on his less could carry him. He opened the door of the little office, but one look suffeed. The young man in charge of pression in his eyes. Leng purelo sparke were playing about the instruments on the table. A child could have seen that it was impossible to either send or receive a telegram under such conditions

. . . Ah! an inspiration. . . "Department," he muttered to himself, "Why diget I think of it before Dis Penkenstetient Surely the wireless must work! Ho, he, there are no wires there at least to burn out!"

The radio station was over a kilometer away. He brow it well, for he had flown over it a great many times. To get there cuick, that was the question. The Keermands was at least eight kilometers to the rear, and he knew he could not make that distance on foot very quickly. Ah, yee, there was a horse semowhere around. The covalry horse was located seen, and as the young airmsn waited harriedly about, troubled as he was, he could not bein sections

the listless attitude of overy man he record. Man were whitnering in a husbed manner, alarm wan plainly pritten on their fason—the form on the un-Von Unterrichter jammed on to his horse and nalleged in the direction of the field rudio station.

It did not take him long to reach it, and leng hefore he disponented he could see the hotelet blue "Gott sed Lob", he uttered to himself as he fummed to the ground, "at least that's working,"

Now it so bornaged that you Heterelshies had been an expert wireless men before the war, and while he did not know a great deal about electricity. he well knew how to send and receive mesonses. He run to the warren which carried the mobile radio field apparatus and peremptorily ordered the

only 200 yards away he surprised himself at the ranse seed apparatus and peremptority or or of the operator in charge away, "Abor Hery Leutenest" speed he made. Puffing volubly he arrived at the expostulated the thus radely interrupted more "I "Most kalter", thundered von Unterrickter, with

which he not down, electrice the overster's receive

He reversed the law immulatedy, and noted with grim satisfaction that the loud bius mark grashed merrily in the not were preto-date anark can-

As he sent out the call mechanically, he wondered vacuoly what the matter could be with the covernmoret, harsing it did not ever spredy a madern, unto-date Lissah/nehenetreske-spanched spark garefor field one. Things must be pretty had when the government must economize even a few heggarly

But he could not give that matter further attention for he had thrown the serial switch from "sending" to "receiving." He had strained his care for a realy from the coerator from the Kommondo, but, as the switch was

throws, instead of a reply there was a lond, constant your in the receivers, so loud that it was painful Off came the headgreer, while you Unterrighter once

more gank into a chair. He was a pitiful spectarle to look at, the fate of a 20th Century man flung back a hundred years. His eves roamed idly about till the distant railroad embenkment struck his eye. No train was moving. Everything was at a standstill—how could a train may, without a telegraph? How could a train be dispatched-there would be a thousand collisions. He turned to the radio operator, who as yet had not

"Nordlicht, sight make, Herr Leutsest?" he heown thinking no doubt that the phenomenon was an ordinary form of Aurora Boreslis,-the northern lights.--in other words, a marnetic storm, that

would be over soon. "Dummer Rindsrich" . . . sterood the Here Learmont, who knew better by this time. Indeed he was to know still more at once, for while he was enealting there earns to his ear a low full year, a sound he had beard once before, far back in 1914 when the Germans had retreated very much in a

hurry beyond the Maros, Panie seised him. 'Yes the sound was unmistale able. The German army once more was in full retreat-no it was a rout-a panio-stricken rabble that made its way back.

Russes Sured Thiough the German Ranks TKE lightning the news had spread among the

A afect, that all communications had been anwithflered with one stroke, that yo orders could be anot or received except by problement couriers that the Gousses Konsponds was not off from the army, and that in short the German army as far as communication was concerned, had auddenly

found itself a contary hack. For what had harmened to wan Unterrichter that morning, hall happened on a large scale not only to every one along the front, but all over Gerstany as saell! Flerry train, every troiler car, every electric motor or dynamo, every telephone, every telegraph had been rut out of commission. With one stroke Germany had been flung back into the dark of Napoleon. Every modern influstry, every means of traffic-except horse-frawn vehicles-were at a

And it must have been a hitter will for the German high-command to awallow when they saw that the Allied fliers were constantly flying behind their own lines and that as the Albes of spread, their apever leakind their own lines. But no German succould in fiving an agraptane or in running on antomobile. That mysterious force obviously was trained only against them, but was harmless behind the Affed lines. Nor did the Germans find out to this date what caused their undelan-I carnot sum now divules the full details of the

on, till on the diffeenth day, the entire German army

Rhins, the victorious Allies, pressing the ficcing

hordes back irresistibly.

scheme of just how the Germans were finally driven across the Rhine. That, of course, is a military But I am permitted to give an optime of fast what harvered on that memorable morning, when the

Gorman army was fune back into the dark area. UT first we must go back to Tusia's laboratory ence mere, back to that evening when "Way"

penions with his idea. This is in part what Sparks "Mr. Tools! In 1838 while you were making your now historic high-frequency experiments in Colgrado with your 500-kilowatt generator, you ch-

tained sparks 100 fast in length. The paice of these aparks was like a rearing Niagars, and these sperk discharges were the increat and most worderful produced by man down to this very day. The Primary coil of your oscillator measured 51 feet in diamster, while you used 1100 amperes. The voltage probably was over 20 million. New then, in your was state that the current which you produced by meens of this mammoth electric oscillator was so terrific that its effect was felt 13 miles away. Although there were no wires between your inhoratory and the Colorado Electric Light & Power Co., fire miles distant, your 'Wireless' Energy burnt out several ermatures of the large dynamo generators,

simply by long distance induction from your kind frequency excillator. You enhacquently raised such havee with the Lighting Company's dynamos that you had to medify your experiments, although you were over five miles away from the Lighting Com-"Now if in 1898, twenty years ago, you could do

that, why, WHY connot we so a step further in powerful generators and better machinery. If you with a paltry 300 kilowatts, sake except we burn out every armsture within a radius of 500 miles or Sparke' Great Project

"HE primary coll of your carillabor in 1898 was 51 feet in diameter. Why conned we dulls a prisory 'cost' from the English channel down to Sustreviews, parallelling the

The every commons as well as the and expressions and offers
at the Total express are small facts theheld by Mr. Note insmall,
who are the onlying posts of the every-likers, standatill. For days the German retirement went

each pole is to carry twenty wires. Beginning three feet above the ground, each wire is spaced two feet distant from the next one. These wires run continuous from the sea to Sudiarriand. Marramer every ten wiles on so we place a home 8,000 kilowatt generating plant with its pecessary arory cans condensary sto. The feed wires from these generating plants then run into the thick wires, strung along the tolograph poles, forming the that in a poheme of this kind it is not necessary to run the telegraph poles actually parallel with every curve of the actual front. That would be a weste

flat seawe which will semetimes come to within our-

half mile of the front, and sometimes it will be as

Ordinary takerronk roles can be want and

worth as officer welles habited in Who total bounth of the line Leatinute to be should 400 miles. That place kilowettal. A similar line is built along the Italian front, which is roughly one hundred miles long at present. Tast gives us another 30,000 kilowatts. ant part is to project the regultant force from this huge Tesla primary cell in one direction culy, namely that facing the cormy. This I find can be readily accomplished by accoming the wires on the by using certain impedance colls. The screen is on a support wire between the telegraph pales. This tereen will then art as a sort of sketric reflector ... Stracks demonstrated by means of one of "Everything completed we turn on the high-frequency current into our line from the sea to little ner of the Central empires. Every closed ced of wire principle, or a telephone reseiver seil, will be burnt out, due to the terrife electroscotine force sed up iselectively to our primary current. In other

words every piece of electrical arearaton or machmery will become the accordance of over Teste sail, see matter select located. Maronver the current is to be turned on 'n the day time only. It is switched of during the night. The night is made use of to adwaren the infarrant votes over the resecutored land, -new ones can be used with their bure primary coil wires, for I anticipate that the enemy must fall back. Turning off the power does not work to our the Teutons will be able to wind and install non colle and armatures to replace all the millions that were burnt out during the day. Such a thong is irapossible. Besides, once we got the Germany racyles. it quebt to be a girrole metter to follow up our ad-

stroy ALL their electrical communications with one

atroles. No commission no automobile well ween

panies can when a real magnetic storm sweeps over the earth. Also, every German telegraph or telegraph line in occupied France and Belgium will be our aby! These involated metallic lines actuable haln us to "guide" our energy into the very heart of the enemy's countries. The more lines, the better for no because all lines set as feed wires for our high frequency electrical torrents. . . ." FEW kilometers north of Nancy, in the De-A partment of Mourthe of Moselle, there is a little town by the name of Nomeny. It is a of material. But we will build our line along a hure

electric storm any more than our telegraph com-

nortance principally for the reason that here for four years during the great war the French army has been mearer to the Gorman frontler than at any other point, with the exception of that small nontion of Alesce somally in the hards of the French. Americans. If you harnessed to so up in a captive halless near Nomeny rou could see the spires of the Mate Cathedral and the great German fortrees. but 16 kilometers away, always presuming that the air was clear and you had a good glass.

On a minuth warm automat morning there were outer doings at a certain rolet in the outskirts of Nomerry. All of a sudden this point seemed to have British and American armon. Since dearn the wellarriving while the gray-blue quiforms of the Prench officers were forever mixing with the business-like The visitors first gave their attention to the

comountaged, edd-leoking telegraph miles which resembled hore harps, with the difference that the wires were running becisentally, the "telegraph" line stretching from one and of the borison to the other. A few hundred yards back of this line there. was on old become from which run twenty thick wires, connecting the browery with the telegraph poles. To this bresery the blob officers next strolled. An inspection here revealed a nondervous 3,000 kilowett generator purring almost allently. On its aboving brone plate was the lorged "Wale in II. S. A." There was also a hoge wheel with large oneer round sinc pieces. Attached to the axis of running now. There were also doesns of horo class

Sare on wooden rucks lined against the well. Ponderous output sables summoded the fare with the One of the French officers, who, previous to the

wer, had been an enthusiastic Wireless Avestone. was much interested in the huge wheel and the large gloos bettles "Abe", cold be, furning to his ones, lioning American confrore, "T felstew retatif et len

Contailes de Leude."

a red-haired, tousled young man who seemed to be much at home in the brawary, came over and ad-"What do you call all of these defurnies?" our young officer asked of him, pointing at the mysteri-

"Rotory spork gap and Leyden jars," was the lacenic reply. The officer nodded. Just then there was a big commetten. The door flow open and a Prench officer standing at attention abouted impres-

aively: "Le Président de la Rémillione!"

The President of France Arrives STANTLY every man stood erect at attention, hand at the cap. A few seconds later and President Poincaré wellow to slowly, at his side

General Pétain. It was then five minutes to 10. President Poincaré was introduced to the redhaired, tousled young man whom he addressed as Hospicur Sparks, Monsieser Sparks speaking a much dilapidated French, managed, however, to explain to his Excellence all of the important machinery,

thanks to a sloonless night with a French distinguis-Mearitur Polncaré was much improved and visibly moved, when a French officer had some over The President new takes his stand on an elevated platform near a huge switch which has an ebenite handle shout a foot long. He then addresses the distinguished assembly with a short speech, all the

while restching a dorroor warner French officer stand. ing pear him, chronometer in hand, Scorowborn a clock hearing stelleber the hour of ten. The President still speaks but finishes a few seconds later. The distinguished assemblage applands and choors vecificrously, only to be stopped

by the damer young offeer who slowly raises his right hand, his eyes gland to the chronometer. Immodiate silence prevails, only interrupted by the noft regring of the horn experator. The denner young officer suddenly sings out; "Mouricar is Printent! A-ten-tion! ALLEZIP"

The President of the glorious French Republic than shorts dramstically: "Messieurs . . . le jour de gleire est arrivé . . . VIVE-LA-PRANCEII" -- and throws in the huge switch with its long abou-Instantly the penderoes retary spark gap begins

white sparks crash all along the inside circumferonce with a noise like a hundred esmone set of all at once. The large brewery half intensifies the escsulitting racket so much that every one is compelled to close his core with his hands. Quickly stepping outside the party arrives just in time to see fifteen German sirelance veltimine

down and disapparring behind the German lines. A Preprin serial officer who had observed the German airphnes, drops his gims, steps ever to the President, salutes conartly and says imprecately: "Le 'circus' du Baron d'Unterrichter! Be rout

Hors de combat is correct. Von Unterrichter was We look around to tell the glad pews to General Pétain, but the latter has disappeared into a low brick building where he new sits surrounded by his ning" wheal eveing it enthusiastically. "Why, oh WHY, do they call you felateur?" he saws. "Smark Gap is good enough for me!" "Oh. boy!! But you aren't doing a thing to those Germiner Translation of German and French Torses Used its This Story.

Conting.

Layou, Corman shou, explosivel to our slang "build,"
Assistander achieve. Take it agent!
Assistander State of the state of the contingent of the continue of the conti

Good Consideration, Security Lates in the Consideration of the Considera

(Continued on page \$84)

or pashir Amerikaners Contail Amerikan, cafricanschine Historia maritim, and Amerikan, am Kramenda, schoolife Quark, in Headquarteral y secretarity mechanic Eg off the meteral and the secretarity Whenty ap 2007.

"Monsieur le Président, toute l'armée Allemande And so it was. The greatest and final retreat of More congrutulations are to be offered to Sparks. A medal . . . Heavens, where is that young man? Ret Snarks has slipped over to his machines and in standing in front of the netry "thunder and hurbt-

Performant Funder Johannechmidt, Datum Yadan Elgilugti On John Yam, Maleri John Sander Sander Sander Sander Statements Commission, profession, and proceedings of the Performance, profession of the Johanness of the Performance of the Sander Sander Sander Sander Performance of the Sander Sander Sander Performance of the Sander Sander

tures, and all falls along us if he reagis. He crosses the room towards the President, salstes and says in

whole line. No one may venture within lifty feet of the line. It would musn instant death by this Luncheon is seen over and more speeches are made. Suddenly the door flings open and General Petain stens in. One look at his remarkable fea-

wells. But even here, far from the titunic retary spark esp. its crashing sparks are sudfile. Looking through the window we see a wenderful sight, Although it is broad daylight, the entire orner talegraph line is entirely enveloped in a know violet spray of electric sparks. It is as if "heatlightning" were playing continuously about the

ashierement. Longbeon in then served in the former office of the brewery, gayly bedieled with the Allied flags slong the

sécur Sparks, congratulating him on his

instruments are all about the room.

AMAZING STORIES

GAIN the President shokes burds with Molt-

The SPHINX "By Edgar Allan Poe" Author of "Messeric Revision," "The Case of M. Voldouss," co.



in New York, I and accorde the hrvistion of a relative to spend a fartisght with him in the retirement of his contraction of summer assuments; and what with rambing in the weeds, sketching, busting, fishing, buthing, music and bests, we should

music and beeks, we should have passed the time pleasantly enough, but for the fourful institutional which would use every meeting from the population of the decision of some acquisition of the decision of some decision of the decision of some friend. At leasth we trumbled at the accression of overy measurement.

with dark. That pulsying thought, indeed, look eartier possessions of my read. I could neither again, think, now dream of anything size. By heat was of a less excitable temperatured, and, athistage greatly depressed in spirities, exerted himself to sustain my come. His retely philosophical intellice was not at any time affected by unresidifier. To the substances allow, but of the modern of the contraction in the contraction.

THIS Relie-house classic by Edgar Allies for it chiefly interesting because it once more shown of house our research are standard fooded and hour nature of the contribute to they some house plate on all. In this story Pop tables as Also unkide the restore of offering, and talk has small foode part he manages to cause your lateral to a highly field. The descourance is no simple on the property of the contribution of the transfer of the consequent to an indicate the contribution of the consequent of the story of the consequent of the contribution of the contribution of the transfer of the consequent of the transfer of tra of tarver as was suntiming alive, but of its shadows he had no topywhenious. His endowers to arease no from the condition of atomernal gloom fate which it had follow and the state of the condition of atomernal to the condition of a comment of the condition of t

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I had been reading these books without his law-st-tensing forward, parallel with the probacie, and or edge, and thus he was often at a less to account for the formitic immersation which had been made turned for the formitic immersation which had been made turned for the insent. formed seminator for part crystals,

my funcy.

The Popular Bellef in Cessia Discussed

A PAVORUTE topic with me was the popular belief in census — a helief which as almost seriously disposed to defend. On this subject we had long and animated discussions; he manitealing the utiler greated examinated discussions; he

satisfies we had long the number of successors; so maintaining the utter groundlessness of faith is such mattern; I contembry that a popular sentiment arting with abouter popularity—that is to say, without appearent traces of eigenstreen—bad is inself the summatischie échience of truth, and was entitled to much rouped. The fact is that, soon after my arrival at the The fact is that, soon after my arrival at the

cettage, there had occurred to myself an incident to entirely inexplicable, and which had in it so much of the protection scharacter, that I might well have been excused for regarding it an ones. It appealed, and at the same time so confounded and bewidered ma, that many days elapsed before I could make up or mind to communicate the circumstances to my

An Avril Apperities

EAR the clease of an exceedingly warm day,
I was ritting, book in hand, at an
open window estemanting, through a
leng visin of the river banks, a view of
affected this, the face of which scarced may pericited, of the principal parties of its trees. My
thought had been long wasoleting from the voltage

incine uty. Updating my you from the page, they did upon the minde face of the hill, and upon an object—spice some living monder of bolteces except to the control of the control of the control of the control of the bolteces, disregarding the face for the control of the bolteces, disregarding thinky in the dense forces bolter. As this creature force on the control of the bolteces of the control of the control

my readons, I care, will feel more difficulty in being convinced of these points than even I did mystelt. Estimating the size of the creature by comparities the control of the control of the control of the emission between the control of the control of the emission between the control of the control of the emission between the control of the control of the term of the control of the control of the measter suggested the idea; but he fall of one of our exception of the general control. The close of the control of the general control. The close of the source of the general control of the control of the source of the general control of the control of the source of the general control. The close of the

swenty-deurs might energy a very tolerable conception of the governed notine. The month of the animal was situated at the extremity of a proteonia some astry or severely feet to fearing, and about as thick as the body of an ordinary dephant. Near the root of this turn was an immense quantity of block, also gry inte-more than outdo have been uppiced by the control of a seave of inflictions, only, reporting two plasming tasks not unlike those of the vipil terms of the finiteliar graving themselves. But

main of wings—end wing manly can hundred profes in length—one pix being plant allows the profession of the wings of the pix of the color of the color approach; some ten or twoler first in district, the layers of the thing wings and owner from or wines possibility of this herrible thing was the representation of a Dondto Hood, which covered man'r contrastity of the herrible thing was the representation of a Dondto Hood, which covered man'r contrastity from the profession of the contrastity transless of the contrastity transless of the contrastity transless of the contrastity transless of the contrastity of the contrastity transless of the contrastity o

and in shape a perfect prizm: -- it reflected in the most gargoons manner the rays of the declining sun.

The trunk was fashioned blos a wedge with the space

to the earth. From it there were outspread two

possible to quell by any effect of the reason—I precised the large jours at the extremity of the prebools audiently expand themselves, and from them there proceeded a nound so land and a expression of wee that it struck upon any nerves like a local, and, as the measure disappeared it the fact of the half, I fell at each, fainting, to the floor. Upon recovering, any first impairs of econor was to inform my friend of what I had one and beard name it was, which, in the each contract to preamon it was, which, in the each contract to pre-

vent me.

Again / Turnelised by the Apparison Respective,

A T length, one oversing, some three of Sud days.

A T length, one oversing is most five or four days.

A side the obscurrone, we were stirting for gother in the rooms in which I had seen the apparition—I countrying the stems seet at the amovemistion, and be identified on a set of the interest of the phototraneous for the property of the state of the phototraneous. He had me to be one—at after thanging the servicity, and then I people of the an excessively grave descenates, as if we principle was at thing beyond turgicion. At

step to which, with a shoul of absolute terror, I new directed his notistium. Be leaded experty, but maintained that he saw mething, although 17 designated mitually the course of the receivants as it made its mitually the course of the receivants as it made its I was new immersariably alermed, for I considered the visite of these as no more of my death, or, worse, as the forecames of an attack of masila. If there myrolf passionably look in my delay, and for

three styred panisately back in my cheir, and for some moments barried my face in my hands. When I uncovered my eyes, the apparition was no longer within.

My host, however, had in some degree resumed the enhances of his demonstor, and quantized mo-

way rigorously in respect to the conformation of the viscousty creature. When I had fully establish him on this bead he sighed deeply, as if relieved of some intelerable kinden, and went on to talk, with what I thought a cruel salmones, of various points of specializing philosophy, which had heretofore formed a subject of discussion between us. I reineraber his insisting very conorially Temong other. error in all human investigations for in the ligbility of the understanding to under-rate or to overvalue the importance of an object, through more missinessurement of its provincuity, "To estimate properly, for example," he said, "the influence to be diffusion of Democracy, the distance of the spech at which such diffusion may resultily be accornmate. Yet can you tell me one writer on the sub-

ject of government, who has ever thought this nexticular branch of the subject worthy of dis-

Apparition Identified and the Occurrences Explained E here passed for a moreout, steemed to a

bookesse, and brought forth one of the ordinary syncross of Natural History. Reconstitute too their to exchange wests with him that be might the better distinguish the fine print of opening the book, resumed his discourse very much in the same tone as before

"But for your exceeding minuteness," he said. "in describing the monster, I might never had had it in my namer to derectativate to you what it was. To the first whose, let me read to you a schooling ac-

Inserta-or insects. The account runs those "'Four membraneus wings covered with little ing a rolled proboscis, produced by an elemention of the jaws, upon the sides of which are found the radiments of mandibles and downy palmit the inferior wines retained to the experier by a stiff hair; antennae in the form of an elongated club. pristratic; shdomen printed. The Death's-headed Sphinx has occasioned much terror among the valgar, at times, by the malanchely kind of cry which it utters, and the insignia of death which it wears upon its correlet."

count of the senus Sobiux, of the family Crepuscularia, of the order Lepidentera, of the class of

He here closed the hook and leaned forward in the chair, placing himself accurately in the position "the monster."

"Ah, here it is!" he presently explaimed-"It is re-assending the face of the hill, and a very remarkable looking creature I admit it to be. Stiff, it is by no resent so here or so distant as you imagined it: for the fact is that, as it wriggles its way up this thread, which some spider has wrought along the window such, I find it to be shout the sixteenth of an look in its extreme length, and also about the sixteenth of an inch distant from the pupil of my,

TE: Adamete Abugus of the Sphingles findly of finite . . . Two Yara

Improvements "Perfect" binding. The machine itself is clost inter-center. It costs, by the way, over \$22,000.00.

OU will note two his improvements in this issue of AMARINE STREET,. We have had some suggestions so to the quality of the paper used, this have to use a much better grade of paper. As time goes on, still better paper will be used. Then the other day some one on the Purific Court

hard with a vipe-life prin. The total magazines pretrictly without exception, are study-bound, which binding clamps the edge of the magazine so ciginaly that when you lay it on the table in front of you it will not stay open. We irrestigated the complaint, and found it to be most reasonable. We therefore took important ways

and you rew hold in your land a magnine board with the so-called "Perfect" binding. You will not with the so-cases - retract" binding. You will not that you can by this magnifus down that and it will take once. Nevertheless, the cares will not come of The "Perfect" binding process is a very much more

The process is an fallerys: When all the pages and all the signatures are pathered, the machine graspe there and cuts off the course back of the reagasine. This means that all the pages are kone. The pages that have been then tracked advance in the reading are

glue, as will be noticed, if a copy is carefully in-spected, improgrates the pages for a small distance. Travelling on, the murrains is then cannot in a piece on your paner, after unsen the cover is glord on. The imagining is then automatically compressed, and is soon ready for the freight car. All of this case on with Sabbelon-The could'be on colockly, in fact, that the east can fundly fallow the

enginess through the various processes, wift a conproperties through the vertees processes, ware a con-pletely hound issue energes from the latest of wonders. The "Perfect" binder that binds AMARING STORIES, it couldn't of terriner our 1900 coopes nor hear. This process is, of exerce, more expensive than the ski type of stapling, has we believe that the renders of August Streets are confided to the beaut to be

eaces thereby brought about

A TRIP to the CENTER of the EARTH



What Went Before

ROPESSOR HARDWIGG, chemist, philosopher, seineralsoist, etc., while delighting in a ture old book by a famous Iceland author, comes upon a mysterious parelesent containing a scered recurrer. The professor and his nepheat Horry, know deciphered it: "Dessend into the arates of the Yoksi of Sneffely, which the shade of Sourturio covers before the halouds of July, audicious

ter much apainst his will and better judgment; obtain the services of Hane, a true Icelandic quide -calm, staltd and dependable. After numerous adnewtones and many interesting encounters and diffiinto its crater. They go deeper and deeper, lower-

they see all hinds of rack formations, owners, stal-

ing theuselves into the birger shatts by means of Once now, they were reassured of the estibility of the mysterious message when they noticed the isseriation "Arne Salussesess" on come recite. Alto.

postore or of being found, he hears voices and distraveler, and post will reach the center of the earth. covers a "sohispering pallery," Thus they are able to I did it .- Arme Sakumanen" The professor and Harry (in the case of the letlation, they effect a resmion. They continue on their you sextil they come to an start for Insland and Mount Sueffels, with the good wishes of Gretchen, the professor's word and energicus expanse of mater-the Central Son. Hans associate in building a ruft and they start off for an-Harry's Sancie. In Iceland, they very fortunately

other phore. But they meet some huge rea moneters among other dangers and after many days on the

mater council see one cions of a shore. And then very rudely brought back to a point on the same side from which they storted. There were lots of time lost, but they are not discouraged. While Henry is repairing the raft, Professor Hardwigg and Harry as off on a tour of turther discovery and they are not disappointed. New monders unfold them-

magnificence. Hure points, of a species now an-

known, someth natmarites-a prous of family native

actites and stalogmittee, etc. In their desperate

nearth for a spring, they hear and top a tremendous

a quide to them in their descent. Then, to one it

all. Harry atraye from his companions and in his

atterest to rejoin them acts hapelessly lost. When

A Trip to the Center of the Earth JULES VERNE

Port III sembled to a certain extent, the mysterious person-

CHAPTER XXXVI age in one of Hollmann's fantastic tales-the man What Is Iti TOR a long and weary hour we tramped ever After we had walked about a mile farther, we this grant bad of hones. We advanced regardless of everything, drawn on by ardeat curiosity. What other marvels did this great present near Port Gretchen. It was the elerious and wild contain-what other wondrous treasures for the venetation of the tertiary period, in all its superb scientific man? My eyes were quite prepared for any number of surprises, my imagination lived in

expectation of something errent Central Ocean had for some time disconsared The imprudent bones. and enthesiastic Profes-

whether he lost himself or We advanced silently, tric fluid. The light illumined equally the sides of

ULES VERNE'S great commerce to concluded in this not have paryword such an ordeal. But the pheads not be too critical on such points, for the story cartolisty is incl.

small troo-like shrubs, such an are seen in the hot every hill and rock. The appearance presented was countries on our own inhabited globe. The one thing wanted to these plants, there in the midst of the counterful regions and under the shraha, these trace-was color! Forever denotived wertical rows of the cur. The rocks the distant

mountains, some confused masses of far-off forests. sound distribution of the inveloces duid! We re-*Error. The nather was Adelbert van Chamisso.

conifers or cone-bearing trees, the whole bound toand complicated mass of orceping plants. A beautiful carpet of messes and frees Places at beyoke marmured beneath un-

brageous bougho, little weethy of this name, for ne shade did they give.

of the vivifying warmth of the san, they were vapid and coloriess. All shade was lost in one uniform tict, of a brown and foded obserance. The leaves were whelly devold of green, and the flowers, so

362 AMAZING STORIES rumerous during the tertiary paried which gave was indeed a luga muca, like those which belanged

them birth, were without color and without perfurse, something like paper discolored by long exposure to the atmosphere.

A Herd of Massodoms

The Windowentumal hunsely the riscordic errors.

Y uncle ventured longests the pipunite groves. It followed him, though not without a certain about mount of apprehension. Since nature had shown harself capable of producing such stupendous ventulation reductions, why might we not meet with

regardisk prediction, why might we not most with animals as incy, and therefore dangerous. Suddledy I stopped about not restrained through the note. The externed diffusions of the light we abled me to see the smallest objects in the distant copes. I thought I saw—on, I really did use the light my own cytes—(summon, gigantic animals moving about unject the mighty trees. You, they were

truly gignatic animals, a whole hard of mastedous, not fessiin, but living.

Yes, I could see these encureus alephants, whose

Yes, I could see these executes alephants, whose trades were baring down large bought, and weeking in and out the trees like a begion of expects. I could hear the securis of the mighty tools uproving bugs trees! The bought crackled, and whole musco: of slaves and green branches weddown the capacious throats of these borrible measurements.

That wondroze dream, when I saw the ante-bistional times reviviled, when the tetrary and quasicentary periods passed before me, was now residual! And there we were alson, for down in the bowsis of the earth, at the mercy of its freedoms inhabitanta!

My uncle mused, full of weaker and autoalsh-

ment. "Come," he end at hart, when his first surprise was ever, "come along, my boy, and let us onthem nearer."
"No," registed I, rectualning his efforts to drag me forward, "we are whelly without arms. What should we do in the midst of that flook of gignatic quadrupods? Come away, uncle, I implees you. No human creatures one with impainity braws the feron-

lots anger of these monitors."
"No human creature," said my unche, suddenly
lowering his voice to a mysteriena whisper, "yeu
are mistaken my dear Harry. Look! look youder!
It seems to me that I beheld a human heing—a being like ourselwas—a man!"

-a man!"

A Dreus of Prelatoria Ages

LOUKEN, hunging my shouthers, and decided
to push incredulity to fix very last limits. Bit
to push incredulity to fix very last limits. Bit
valvatives might have been my visit. I not contraction of the contract of the contraction of the contract of the con

to the dephasis of the earlier ages of the words. In his hand was a branch of a tree, which served as a reced for this anticultivium shaphend.

We remained specimently still, speechlass with engries. But we might at any moment he seen by experies. But we might at any moment he seen by compared to the second of the second o

A quarter of an lower letter we user for away from that berrible monster? Now that I this of the matter calculy, and reflect upon it dispusationally, now that martink, years, have passed eiter this strange and unnatural advanture beful up—what an I to think; what an I to believe? No, it to untarry impossible! Our ease much have decived us, and our even have chested ut! we have

observed it, into our open have chemist in. We have a man help could by any postibility here existed in that subtermanes weefel No generation of men could linkable the lower caveres of the gibbe without could lank be lower caveres of the gibbe without commissions with them. It was folly when it was subtermaned and with them. It was folly the could link be subtermaned and with them. It was folly of the subtermaned and the s

some atimal resembling in structure the human reserved storm rankey of the first policipality special properties of the properties of the colicious deposition of somen. But the simulalating known to timbers solvent. Never miles, things known to timbers solvent. Never miles, and things known to timber solvent. Never miles, a southery—but a man, a living mea, and with him a while goveration of giantite emissals, lartical is the surface of the earth—it was too measures to be believed!

CHAPTER EXXVIII The Mesterious Dancer

URING this time, we had left the sirght and transparent freet for shelded as we were made with attendanceal, owners by a kind of froding which was must don't apathy. We kept trunking in spile of conselves. It was a ported flight, which reasonable one of these herelike saturations we according most with in our dreems. Institutionly we made our way towards the Central Sex, and I cannot now tell what with thoughts passed kincepal my missis, now of what follies I.

the Bos, and I caused now self what with Uncode pured through my mink, are of what foliar I. Bee compared to the pure of the pure of the pure of the pure Though I was the pure of the pure of the pure of the pure Though I was the pure of the pure to the pure of the pure

ing these predigirus monitors. His height was thought I could see our faithful and monotonus above twelve feet. His bead, as hig as the head of. Hans and the wanderful grotts in which I have come a halfin), was test in a mone of manticle bair. He head to I feet my green down fall. of the cliffs, the apparance of a streem, the unceoff the cliffs, the apparance of a streem, the unceoff the cliffs of the cliffs of the cliffs of the a state of bentificing dutal. After two time, I consistend my attent of mental indications to my cursion. He was tested or mental indications to my uncle. He confessed is a similar feeling of scillation. He was testify unable to make up his make the midst of this entroordinary but uniform purposars.

"There can be no doubt," I insisted, "that we have not knowled carefty at the place whence we

dust took our departure, but the tempost has been expected as show our stretch goods. I think, there-free, that if we foliow the coast we shall one more free, that if we foliow the coast we shall one more free, that are, 'rivel my under,' like a subless to continue our exploration. To very best think we are do in to make on our way hads to the stift. Are and in it is made on the stift, and in it is the stift, and in the stift, and it is the stift, and it is

convinced, near the little part; if this is not R." I added, errolling examining a creek which appeared stagelarly familiar to my mind.
"My don't Harry—if this were the case, we should find traces of our own footsteep, norm signs of our parange, and I can really so nothing to indicate our having passed this way."
A Rosto Parrer is Found become in the Berth.

"BUT I see comething," I seled, in an imposecus bone of voice, as I rusted for an imposecus bone of voice, as I rusted forward sale
in the centil pulsed up conceiting which shane
in the centil under my feet.
"What is It'll "rich the incentished and bewildered
Profonce" who my retly. And I headed to my
tartific relative a rusty discrept, of singular charge.

"What made you bring with you so useless a weapon?" be cardained. "It was needlessly housecent yourself."
"I bring it?—it is quite new to me. I news name it before—are you sure it is not out of your ollice-

then?"
"Not that I know of," said the Professor, punied.
"I have no receilection of the directoration. It was never my proporty."
"This is very extraordinary," I said, musting over

the novel end singular incident.
"Not at all. There is a very simple explanation,
Harry. The Isolandera are known to keep up the
use of these antiquated weepens, and this must have
helonged to Hann, who has let it full without knowhelonged to Hann, who has let it full without know-

If allow my load, That dagger had sowe been in the possessions of the parific and inchirur Hans. I know him and his habits too well. What can it be—unions it be the waxpen of some antalilarian warrior, "I continued, "of some living men, a conceptury of their might, a beholded from when we have just estapped? But me-mystery you cargitage, the continued of the herene period. It is made of concllent, steel

PRE I could finish my surfaces, my unde stay, by one subscription as such them actions gue as whole ped me after from material spoke in his most cold between the contract of the method of the contract of th

terrice of the earth,"

"What can you mean, uncle?" I said, now leet in
a hoad of surnises.

"Look chustly at it," he continued; "these ingred
ofpos were never made by the resistance of human
blood and home. The blode is covered with a reg-

decision, for all those recicle are exactly alike. There is no marked difference between them. At the same the coating of transmental and rank, which is not a line, the imprecation on any mid-si, that it reception they excend the preconnecy at the fort of which our worthy. Have constructed the rail. We are, I am notify consider the rail. We are, I am notify confine for mid-size the rail. We are, I am notify confine for mid-size threat the rail was not a few and the rail of the rail.

coursed towar by his fortule imagination. I could have said something. He stepped an "Heary," has cored, "he new town out the verge of a greed disserved, "we new town out the verge of a greed disserved by discovered, after being absoluted by actions on the said of the more than a hindred, two hundred, were three handled years, has been inducted by accross each for more than a hindred, two hundred, when the handled handled has been been a substanced to a superior and the property of the said of the handled handled

"But what man has been sufficiently desparate to de such a thing;"
"A man who has somewhere written his name with this very dagger—a man who has emicarease in once were to indicate the right read to the interferof the earth. Let us look around, my boy. You know not the importance of your simply and harps

discovery."

Profigiously interested, we walked along the wall of rode, examining the similest flarmer, which might finally expand into the much whited for gelly or shaff. We at last reached a spot where the shore became extremely narrow. The son elmost butked

the fact of the rooks, which were here very lefty and sleep. There was scarredy a path wider than two yourds at any point. At last, under a huge overbarre and gleeny turnel.

Thous, on a square tablet of granite, which had been smoothed by rabbing it with mother stone.

been smoothed by rebbing R with another stone, we could see two mysterieus, and much wern letters, the two initials of the bold and extraordinary traveler who had preceded us on our adventurous jouracy.

14KF HIPKNHHHY

"A. S.," cried my uncle; "you see I was right. Arms Schumsen, always Arms Salangesem!"

CHAPTER XXXVIII No Outlet-Blutting the Rock VER since the commencement of our marvelone journey, I had experienced many our-

price, had suffered free many illustrate. It price, had suffered free many illustrate. I thought that I was ease-burdened against all surprises and could solither see not bear captifier; a smoon me again. However, when I now those two letters, which had bean emprired three hundred years before, I stood freed in an attitude of mute

surprise.

Not only was there the signature of the learned and enterprising alchemist written in (be reck, but I held in my hard the literated learnment with which he had laberlously engraved it. It was impossible, without showing an amount of interedility scarcely becoming a case mus, to dury the scrience of the traveley are not as my the contract which are the contract of the traveley are not are really set in the more which are the more which

detailed of some develop broats.

Mandally street, the freedest gave to an article and art

you usen the aboves of this oas discovered by you, be called for all time, Gay Sikusesses." You see the pitch of combinants indiscinctly by those works.

This is what I hard, and I heeps to be roused to the pitch of combinants indiscinctly by those works.

The drappers of the wayses, and the perils of the re-turn pixnes, were now as nothing! What another man had done in ages part, could, I fell he done again; I was decremined to do it myrelf, and own orbiting that must had accomplished appeared to me hart of grounds and harty entrainment.

Where the Raft Brought Then

HAD already started in the direction of the
comber and gloony gailery, when the Profu-

As not stopped me; bo, the man or reads and health, the man or eachly record of the highest pitth of arthurdram, checked me, rad solved me to be pointed and allow more caim. "Let us retain; to our good friend, Earn," he mid; "we will then being the set down to this pictor."

I must say that tauget not to one yielded to my and the pictor. The mid; and the pictor of the transport of the transport

cant. "Do you know, my dear male," I said, as we walked along, "that we have been chingdarly helped by a concurrence of circumstance, right up to this very momen!". "So you kepin to see it, do you, Harry!" said the Profuser, with a smile. "Doubtless," I respended, "and strangely casuath,

"Doubleton," I respected, "and strangely exacely, even the trapest has been the means of putting us on the right read. Bissings on the tempest I to benegith a saidsh hack to the very spot from which face worther would have driven us forever. Supposing we had succeeded in recting the northern points who has exceeded in recting the northern would have become of my T the same of Sakraussen would save have appeared to us, and at this momant we should have been east every gone as inhappitable coart, growthey without an eight."

"Yes, Harry, my boy, there is certainly some thing providestill in that wendering at the marry of wind and waves towards the south; we have come look exactly north; and what is better still, we full upon this great discovery. There is comething in it which is far beyond my comparisons. The coinciderus is unheard-of, murraison." What matter! It is not our drivy to explain

"What matter! It is not our duty to capital facts, but to make the best possible use of them," "Doubtless, my key; but if you will allow me —" said the really-delighted Frefessor. A Discussion of Geography
"I" XURSE me air, but I see surethy have it will

He has we shill also the northern roote; we have a make the northern roote; we have a make the northern roote of the shill be and who knows here—decided of larging correction and who knows here—decided of larging correction and the knows here—decided of larging correction and the larging shill be a shill be

"Shall," I crisel, carried coway by a harest of enthusiant, "the distance is ensurely worth probling about. The thing is to make a ctart," My wild, mad, and incoherent speaches continued until we rejoined our potions and phagement grains. All was, we found, prepared for an immediate departure. There was not a single parcel out of the tweet when My well though our prostes on the refitered properties.

and the soil being hoisted, Hane received his directions, and guidest the fresh harque towards Cas-Sactureons, so we had definitely named it. The wind was very unfavorable to a craft that was unable to asal close to the wind. We were continuity reduced to pushing correleve froward by memos of poles. On several occusions the rocks run

make a long round. At last, after three long and weary hours of pavigation, that is to say, about six orbick in the evening, we found a place at which we could land.

I gained on chore first. In my present cite of cutliment and estimatem I was always first. Mr.

A TRIP TO THE CENTER OF THE EARTH 365

calmed me. It had rather produced the ognosite effect. I even proposed to burn our vessel, that it to destroy our raft, in order to completely cut off our retreat. But my make sternly opposed this will project. I began to think then perichnely likewarm and uncentiousistic. "At any rafe, my donr much!" I sold, "to us start without delay."

warm and uncertaintation. "At any rate, my dear uncle," I sold, "for us other without delay." "Yee, my boy, I am quite as eager to do so as you can be. But, in the first place, let us examine this mysterious gallery, in order to find if we shall need

mysterious gallery, in order to that if we shall need to program and mad our labdars."

My much now began to see to the efficiency of our Rubratour's coll, which would deathless seen be needed; the raft, recurrely fastened to a reck, was left sless. The opening into the new gallery was not treate seen as distinct from the steet. Our fittle troop.

Their Journey Blocked by a Greet Rock

"MEE critic, which was alreed circular, yetcanted a dismeter of short for feet; the camcasted a dismeter of short for feet; the camcated on the inned by the different material which had ence passed through it is notate of fusion. The lawer part was chost level with the water, so that we wore able to preserve to the interior without the property of the property of the property of the way to be a superior of the property of the proting of the property of the property of the lawer part was the property of the proter of the property of the proper

further advance was checked by the interposition of an enormous block of granite reck. "Accuracy steno?" I cored, furticular, on perceiving that we were stopped by what seemed an incur-

In vain we looked to the right, in vain we looked to the left; in vain we looked to the left; in vain examined it shows sull below. There existed no passage, no sign of any other tun-look. I experienced the most bitter and pannful disciplinations. So carraged was I that I would not admit the reality of any obstacts, I stopped to my leaves; I leoked under the mass of slams. No bale, referred parallel. Heav, with the large, standard but dides of the tunnel discover direction. But all in what I was necessary to reasoned all know of proceedings of the weight of the standard of the tunnel discover of parallel.

ing through.

I had sasted myself upon the ground. My male walked angrily and hopelensly up and down. He was orderedly disperate. "Bull," I read, after some monets' thought, "what about arms Sainmosent"

"You are right," replied my unels, "he can never have been school by a furne force."

"Ne-on thousand those nor." I cited, with netron visualty." This leave from of rock, in constreme visualty. "This leave from of rock, in constreme visualty. "This leave from of the conway closed up the pastage. Many and many years way closed up the pastage. Many and many years quite order that this policy was formerly the cutfor the next-set, while it is the present of the sach, for the next-set, while it is the present of the sach, for the pastage with it is therefore the sach for the next-set while the pastage of the contraction of the pastage of the contraction of the pastage of the gream. We are right, thus, in thinking that this is an unexpected abstack, with which Sakurassen did not next; and if we do not upset it in come way, we are unworthy of following in the Sactory of the way to the Confere of the Barth?"

In this wild way! I addressed my uncle. The seed of the Professor, his centest lawying for arceas, that become part and seemed the professor, his centest lawying for arceas, that become part and seemed to my being. I widtly

of the Professor, his content language for success, bad become part and parcel of my being. I wholly feepet the past; I utbody degrised the future. Nothing existed for me upon the surface of this spheroid in the become of which I was engalised, no towns, no country, no Hamburg, no Kongetrasses, not even my poor Gretchen, who by this time would believe me.

"Wolf," cried by such, roused to enturism by my words, "let us go to work with pok-axes, with crowbars, with anything that comes to hand—but down with these terrible walls."

down with these terrible wills."
"It is far too tough and too big to be destroyed by a pick-ex or crowbar," I replied.
"What then?"
"As I said, it is useless to think of overcoming

such a difficulty by means of ordinary tools."
"What then?"
"What close but gungowher, a subternances mine?
Let us blow up the obstacle that stands in our way."

"Guspawder!"
"Yes; all we have to do is to get rid of this pairry
obtack."
"To work, Hans, to work!" cried the Professor.
The Redander word back to the raft, and seen returned with a huge crowdar, with what he bagan

to die a hole in the rock, which was to serve az a mine. It was by no meens a shipht task. If was nessinary for our purpose to make a custly bego cassing ho half diffy somine of relativisting age color of the colo

mailty antiesce in a bay of lines. "We are bound to go through," I cride entimatistically, "We are bound to go through," nepposed the Professor, bringing me on the back. A midnight, our work as minors was completely faithful, if the charge of fulnerating extens was threat line the hollow, but the maint, which we had the same of the charge of the contraction of the was now garfields to inside this ferroliable errains.

"We will now rest until to-morrow."

It was sheeleded necessary to resign myself to
my fate, and to consent to wait for the explosion

ix weary hours! CHAPTER XXXIX

CHAPTER XXXIX

The Explosion and Its Results

HE next day, which was the twenty-coventh

of August, was a date odebrated in our wondress, subtermness former.

I save think of it even now, but I shadder with hereo. My beart both suildy at the very memory of that swind day. From this time forward, our

reason, our judgment, our human incensity, had solid support give way not to my feet, but to the

silenes.

nothing to do with the course of events. We were about to become the playthings of the great aboutmens of the earth! At six o'clock we were all up and ready. The dreaded monant was arriving when we were about means of gur-newder. What would be the conse-

energy of breaking through the great of the I begoed that it might be my duty to set for to

the mine. I looked upon it as an honor. This task once norformed. I could rejote my friends upon the were all ready, we were to sail away to some distance to seed the consequences of the explosion, the effects of which would certainly not be concentrated in the interior of the sarth. The slow match or less, before it reached the chamber is which the fore have plenty of time to reach the raft and put

off to a safe distance. After a hearty repost, my uncle and the bunterguide embarised on beard the raft, while I remained a lantern which was to enable me to set fire to the wick of the informal machine. "Go, my boy," said my uncle, "and Heaven be with you. But come back as soon as you can. I shall be all impetisons." "Re says on that matter" I realised "there is no fear of my delaying on the road." Having said this, I advanced toward the opening of the sombre gailary. My heart beat wildly. I coened nor lantern

The Professor, who was looking on, held his chronometer in his hand. "Are you reade?" cried "Quite ready." "Well, then, fire away!" I hastened to put the light to the wisk, which crackled and sparkled, hissing and mitting like a recogni; then, running as

fast as I could, I returned to the shore, "Got on beard my lad, and you, Hars, shove off!" eried my mede. By a vicerem analization of his pole Hone sent us flying over the water. The reft It was a moment of palpitating interest, of deep anxiety. My uncle, the Professor, never took his eyes off the chronometer. "Only five mission more, be said in a low tone, "Only four, only three."

hear my heart besting. "Only two, one! Now, then, mountains of granits, crumble beneath the power of man!"

The Brelesion 7HAT happened after thet? As to the terrife rear of the explosion. I do not think

I heard it. But the form of the rocks completsly changed in my evan-they seemed to be drawn saids like a serrisin. I new fatherrises a hottomicas abous, which vasceed beneath the turnid waves. The sea, which seemed auditenly to have upon the top of which the raft rose persendictivity, We were all thrown down. The light gave place to the most profound obsqurity. Then I felt all

uncle. Nothing could be heard but the rearing of the mighty waves. We clong teacher in piter Despite the awful darkness, despite the noise, the blown up, there existed a mirhty above. The ecroll, broken by fissures and rents. The gulf, thus

raft itself. I thought it was going beddy fown a

tremended; well, I tried to speak, to question my

suddenly thrown oner, was about to swallow the inland sas, which, transformed into a mighty torrept, was dragging us with it. One only idea filled my mind. We were utterly and completely lest! One hour, two hours-what more I cannot say passed in this manner. We sat close together, elhow touching elbow, knee touching knee! We held one another's hands not to be thrown off the raft We were subjected to the most violent shocks, whenever our sole dependence, a frail wooden raft struck against the recky aldes of the chennel Portunately for us, these concussions became less and less frequent, which made me forcy that the gallery was gotting wider and wider. There could

followed by Sakaussem, but instead of going down in a proper manner, we had, through our own imbrudenos, drawn a whole sea with na! These ideas presented themselves to my mind in a while suitaing along like a man enter down a waterfall. To indee by the oir which as it were whipped my face, we must have been rushing at a

To attempt under these circumstances to light a terch was aimply impossible, and the last remains of our electric machine, of our Rubmkerf's coil, had been destroyed during the fearful explosion. I bright light shining close to me. The colm countenance of the guide seemed to please upon me. The the lantern; and though, in the loss and therearth

very nearly put out, it served partially to dissinate the aurial observity The gallery into which we had entered was very wife. I was, therefore, quite right in that part of my conjecture. The insufficient light did not allow us to see both of the walls at the same time. The slope of waters, which was carrying us away, was

far orester than that of the most rapid river. The whole surface of the stream assentd to be correspond of liquid arrows, daried forward with extreme viglance and power. I can give no idea of the impress-

All Instruments Loot, Except the Company and

THE raft, at times, capplet in certain which pools, and rushed forward, yet turned on itself all the time. How it did not most I shall nower he able to understand. When it approached the sides of the gallery. I took care to throw upon them the light of the lanters, and I was shie to estastronbe took place, had anapped short off. We turned our books as much as possible to the wind, in order not to be stifled by a rapidity of motion which nothing human could face and live. And still the long monotoness hours went on. The

fidge of the rapidity of raction by looking at the

situation did not change in the least, though a disowery I suddenly made seemed to complicate it very much, When we had slightly recovered our soullibrium. I proceeded to examine our coreo. I then made the unsatisfactory discovery that the greater part of it had utterly disappeared. I became alarmed, and determined to discover what were our resources. My heart best at the bies, but it was absolutely necessary to know on what we had to

depend. With this in view, I took the lantern and looked around Of all our former collection of neutical and philcombinal lastruments there remained only the chronometer and the correspon The ladders and ropes were reduced to a small piece of rope fastened to the stump of the mast. Not a picker, not a growbar, not a harmour, and, far worse than all, no food

-not spough for one day! This discovery was a prelude to a certain and harrible death. Sexted gloomily on the raft, classing the stump of the most mechanically, I thought of all I had read as to eafferings from starvation. I remembered everything that history had taught me on the subject, and I shuddered at the remem hrance of the agenies to be endured. Mandered at taken. I examined the cracks in the raft; I paked between the joints and beares: I examined every possible hale and corner. The result was-elemity nothing! Our stock of provisions consisted of noth-

ing but a piece of dry most and some scaled and I gazed around me scared and frightened. I could not understand the awful truth. And yet of what Supposing that we had had provisions for months. and even for years, how could we ever gut out of the carful about fato which we were being buried by the irrestatible torrent we had let loose? Way should

we trouble curselves about the sufferings and tortures to be endured from hunger, when death stared us in the face under so many other swiftee An Alternian Ascent Through a Great Shaft

HAD the greatest mind to reveal all to my uncle, to explain to him the extraordinary and wretched position to which we were reduced, and in order that, between the two, we might make a calculation as to the exact space of time which remained for us to live. It was, it supeared to At this moment, the light of the lantern slowls

fell, and at last went out! The wick had wholly

air upon my face. The slope of the waters was exconsists. I began to feel that we were no locarer oping down a slope; we were falling. I felt as een down in a dream, going down bodily-folling; felling; I felt that the hands of my mucle and Hens were vigorously clasping my arms. Suidenly, after a large

harst to an end. The obscurity became absolute. It

of time searcely approciable. I felt something like a shock. The raft had not atrack a hard hody, but had suddenly been shocked in its course. A waterspeak, a liquid column of water, fell upon us. I was sufficenting. I was being drowned. Still the sudden inundation did not last. In a few mounds I felt myself once more able to breaths. My until and Hans pressed my arms, and the ruft carried us all

CHAPTER XL The Are Gleare

T is difficult for me to determine what was the the real time, but I should suppose, by after calculation, that it must have been ten at night I by in a stupor, a half dreson, during which I naw visions of astornding character. Measters of the doep were side by side with the mighty elephontine shepherd. Gigantic fish and animals formed strange conjunctions. It seemed to my vision that the raft took a sudden turn, whirled round; entered another turnel; this time illumined in a most about ular manner. The roof was formed of persus stalactite, through which a moon-lit waper appeared to pass, crating its brilliant hight upon our gaunt and harmed figures. The light increased as we advagged, while the roof ascunded; until at last we were once more in a kind of water cavers, the lefty dome of which disappeared in a luminous cloud! My made and the guide moved as men in a dream I was afraid to waken them, knowing the danger of

such a sudden start. I sested myself beside them As I did so, I became aware of comething movine in the distance, which at once fascinated my even It was floating, appearently, upon the surface of the water, advancing by means of what at first appeared position. I looked with giaring eyes. One glance told me that it was semothing meastrous.

But what? It was the great Shark Crocodile of the early writers on goology. About the size of an ordinary whole, with hideous jawe and two girontic eyes, it advanced. Its eyes fixed on me with terroble sterraces. Some indefinite warning fold me that it had marked me fee its own.

came on. His jaws were at least soven feet aport.

I attempted to rise-to escape, no matter where violently; I almost lost my senses. And still the to hold my tongue, to graw at my entrails like the mighty mouster advanced. My mode and the cubbs made no effort to save themselves. With a strange noise, like none other I had over heard, the beest

AMAZING STORIES and his distended mouth looked large enough to of the cavern. But I had not token many storie

when the fearful clamer ceased, to be followed by a We were about ten feet distant, when I discovmumbling and greating which appeared to be indicred that much as his body resembled that of a I looked back and saw the huge aps, gory with His twofold nature now became apparent. To blood coming after me with glaring eyes, with dilated postrils that care forth two columns of heatto turn on his back, which motion necessarily ed vanor. I could feel his hot and fetid breath on

caused his lear to kick up helplessly in the air. I my neck; and with a horrid temp-awake from my actually laughed even in the very jaws of death! nightmare aleep But next relante with a wild over I deried every Yes-it was all a dream. I was still on the raft into the interior of the cavern, leaving my unborow with my uncle and the guide. correction to their fate! This capers was deen and The relief was not instantaneous, for under the dreary. After about a hundred yards, I negged and influence of the hideous nightmare my senses had isoked around. The whole floor, composed of sand become numbed. After a while, however, my feeland malachite, was strewn with bones, freehly large were tranquillized. The first of my recognitions

graved horse of reptiles and fish, with a mixture of which returned in full force was that of hearing; I mamalia. My very soul grew sick as my body shud-Estated with agute and attentive same. All was still dered with horror. I had truly, according to the old as death. All I comprehended was allence. To the properly fallen out of the freingmen into the fire. rearing of the waters, which had filled the callers Some beast larger and more feroclous even than with awful reverberations, succeeded perfect penot, the Shark-Crocedile inhabited this den-After some little time my uncle spoke, in a low What yould I do? The receth of the save was and scarcely audible tone-"Harry, boy, where are

guarded by one ferectors monster, the interior was inhabited by semething too hideaus to contempiate. "I am bere," was my faint rejoinder, Flight was impossible! Suddenly a greaning, as of "Well, den't you see what has hannened? We are fifty bears in a fight, fell muon my ears-hitees, going upwards." spitting, meaning, hideous to hear - and then I 1600-

A Drundful Dream of the Anti-Diluvira Gorito

TEVER, were ages to pass over my head, shall I forget the horrible apporition. It was the Are Gigans, the anti-dilurian Gorilla! fourteen feet high, covered with coarse hair, of a blackish brown, it advanced. Its arms were as long as its body, while its iers were prodictors. It had thick, long, and sharply-pointed teeth-like a manmoth saw. It struck its breast as it came on smelling and sniffing, reminding me of the stories we read in our early childhood of giants who ats the flesh of men

Suddenly it stormed. My heart heat wildly, for I was conscious that, somehow or other, the fearful moneter had small me out and was peering about abouts. I have myself up for lost, No hope of safety or escape seemed to remain

in death, there came a strange noise from the entrance of the cours and turning, the Gerilla evidently recognized some enemy more worthy his prodictors size and strength. It was the hope Shark-Crocodile, which perhaps having disposed of my friends, was coming in search of further prev-The Gorilla placed hirrardf on the defensive, and

clutching a home some seven or eight feet in length, a perfect club, aimed a deadly blow at the hideous benet, which reared upwards and fell with all its weight upon its advertage. A terrible combat ensuci. The struggle was awful and ferecious. I did not wait to wriness the result. Recording myself as the object of contention. I determined to remove from the presence of the victor. I slid down from my hiding-place, reached the ground, and eliding against the wall, strove to gain the open mouth

"My dear uncle, what can you mean?" was my "Yes, I tall you we are ascepding rapidly. Our downward fourney is quite checked."

The Ascent Continues HELD out yet hard and after some little diff. culty, succeeded in touching the wall. My hand was in an instant covered with bleed. The skin was torn from the flesh. We were ascendine with extraordizory rapidity.

"The torob-the toroh!" cried the Professor. wildly; "it must be lighted." Hare, the guide, after many vain efforts, at last succeeded in highting it. and the flame, having now nothing to prevent its burning, shed a tolerably clear light. We were en-"It is just as I thought," said my uncle, after a

mornant or two of affent attention. "We are in a narrow well about four fatherns square. The waters of the great inland sea, having reached the bottom of the gulf, are now forcing themselves up the mighty shaft. As a natural consequence, we are being cast up on the summit of the waters.

"That I can see," was my lumbrious ranky: "bot where will this shaft end, and to what fall are we likely to be expased?"

"Of that I am as ignorant as yourself. All I know is, that we abould be prepared for the worst. We are going up at a fearfully rapid rate. As for an I can judge, we are ascending at the rate of two fatherns a second, of a hundred and twenty fatherns

a minute, or rather more than three and a holf leagues an hour. At this rute, our fate will soon be a matter of certainty." "No doubt of it," was my reply. "The great coneern I have now, however, is to know whether this shaft has any lasne. It may and in a granite roofin which case we shall be suffocated by compressed air, or dooked to sterm against the top. I fancy.

condensed. I have a difficulty in breathing. This might have been finery, or it might have been the effect of our rapid motion, but I contractly felt a grout appreciation of the chest. "Harry," until the Professor. "I do belleon that

the situation is to a certain extent desperate. There

A TRIP TO THE CENTER OF THE EARTH

gives. I had put of the fatal communication as long as possible. It was now forced upon me, and I ment toll him the truth. Still I bestiested. "Sta." I said, in a dispossibility tone as if there were no burry.
"Yes, and at ours. I feel like a starring priocess" he mid, rubbing has yellow and shreving thanks depther. And, farming round to the guide, thanks depther. And, farming round to the guide, from his tone, in Death. Bana, decek his local is a startibly againstern manner. I truth the beig moment

The Provisions Cons

"West of ried the Professor, "do you mean to say that all our provisions are lost?"

"Yes," was say lowly appless reply, as I hald out something it not band "this morsel of dried mast.

is all that remains for us three."

My uncle gueed at me as if he could not fully appreciate the meaning of my words. The blow second to stun him by its reverity. I allowed him to reflect for some momenta.

"Well," said I, after a short pause, "what do you

"Well," said I, after a short pame, "what do you think now! Is there any chance of our compling from our borrible subtermosan dangers! Are we not decemed to parish in the great hollows of the Centur of the Earth?"

But my pertinent questions brought to answer. My suchs either heard me not, or appeared not to do so. And in this way a whole hear passed. Neither of us cased to speak. For repeal f, berne to feel the most fearful and devoraing heaper. My companions, distulbies, fell the same horrlike tertures, but neither at them would touch he wretched morated of most that remained. It lay those a last

remeat of all our great preparations for the molculations journey?

I looked back, with wenderment, to my our felly, Pully was I aware that, despite his enthroun, and the crea-fa-be haded surell of Saltrameers, my undeshadd never have started on his perious swyage, What namorals of the happy part, what previsions of the heaville future now finded are bring. After densining for series time, and this/ting of this and other nations, I come relocal around no. We were still seconding with fearful rapidity. Burty new and line the fair appeared to check our respiration as it does that of advances when the feet a degree of reld in preportion to the eleminon large attack in the attractablers, we experienced quite a centrary effect. The hast began to increase in a best fluorisation and exceptional annuar. I canreally also the control of the control of the respected to the control of the control of the respected to the control of the control of the con-

CHAPTER XLI

Hanger

UNGER, prolonged, is temporary madment
The brain is at most seaterness.

mind. Hitherto I had never known what bugger

really meant. I was likely to understand it you only

What was the maning of this extraorfinary change in the impression of change in the impression of A for an we had hithering para, facts had proved the theories of Bury and of Lifean-texts to be cerved. World now, at the large of the control of the management of the control of the second laws of matter, and had coracted free us a moderne temporature; for the theory of the central face, remained, in my rese, the city continuities can my rese, the city continuities can my rese, the city continuities can be control of the control

and feer, and I did not senseal the fact from my such. My way of thing to might be cell and heartless, but I could use theight. "If we are not drowned, or smatched from prenaches, and five do not die of the many of the country of the country of the we must be burned slips."

My unds, in presence of this brauges states, simply shringed his horolders, and recursed his reflections—whether they night be the taken the An hour passed were, and except that there was An bour passed were, and except that there was a middled the situation. My week at last, of his

own acarrd, heebe silence. "Well, Harry, my hoy," he minds."
"Milde up our minds to what," I taked, in considerable up-growth arrows to make up-growth surprise.
"Well—to securities. We must at whatever rick correction special surprise. If we make the fatal

mistake of hadanding our little remaint of fool, we may probably prolying our wretched existence of few heurs—but we shall remain weak to the end." "Yes," I growled, "to the cod. That, however, will not keep us long waiting."

"Well, only let a chance of safety present itself, only allow that a manners of action he accessary, where shall we find the means of action if we allow ourselves to be reduced to physical residences for in-

"When this piece of most is devoured, sizele, what hope will there remain cuto us?"

hope will there remain outo us?"

"None, my dear Harry, none. But will it do you any seed to devour it with your eyes? You appear

to me to reason like one without will or decision. "Excellent-waves mod?" and two mode, with an

White There is Life There is Hope "HEN." cried L exaguerated to a degree which is searesly to be explained, "you do not mean to tell me-that you-that you-

like a being without concers "

"Certainly not," replied the Professor, with conerramate pociness. "You make to tell me much that we shall not cut

of this monatrons subterranean shaft?" "While there is life there is hore. I beg to asaget. Harry that an lung an a man's heart beats, an long as a man's flesh quivers, I do not allow that

What a resolution! The man placed in a position like that we occupied must have been very brave

to speak like this. "Well." I cried, "what do you "But what remains of the food we have in our hands: let us awallow the last growth. It will be, beaven willing, our last renset. Well never mord-

Instead of heing exhausted skeleteen we shall be "There" weathered I be a Assessing tone, that we take our form

"We reust," replied my uncle, with a deep sigh-"sall it what you will." My made took a piece of the ment that remained, and some crusts of blesuit into three parts. Euch had one prend of food to

Each now acted in accordance with his own priwate character. My uncle, the Professor, etc gread Dr. bot evidently without amelite, eather almoly from some mechanical motion. I put the food in-side my lire, and hungry as I was, chewed my merrel without pleasure, and without satisfaction. Hant the guide, just as if he had been abler-fown hunting, ewellowed every mouthful, so though it were a usual affair. He looked like a man equally in all prehability, was no more used to starvation than ourselves, but his hardy leslandic nature had prepared him for many sufferings. As long as he received his three riverollars avery Saturday wight.

he was propared for anything. The fact was House strolener or himself, he never frend fault or grumbled, so long as his wages were duly paid Suddenly my upple roused hittself. He had seen

a smile on the face of our guide. I could not reake it out, "What is the matter?" said my upela. "Schiedam," said the guide, producing a bettle of this presions fold

We drank. My untle and myself will own to con dving day that happy we derived atreagth to exist with the list hitter mercut. That previous bettle of Hollands was in reality only half-full; but, under the electrostances, it was nector. The worshy seem able to drink any more. "Fortentile," said Hans, appallessing people all that were left

work susto as if he had just left the steps of the I haven to feel as if there were still one above of hone. Now all thought of the future venished! five o'clock in the morning!

ciub at Hamburg

CHAPTER XLII

The Volcanie Shaft

WAN'S constitution is so peculiar, that his health is purely a negative matter. No source is the vary of honor areasant.

than it becomes difficult to comprehend the meaning of starvation. It is only when you suffer that

it is simply abourd. With us, after a long fast, some cuft and salt beef triumphed over all our previous saturaine thoughts Novertheless, after this repost each gave way to

gifted with the fatabutic resignation of Original tion would not allow me to realize the truth. As for my individual sulf, my thoughts had ourged to be mything but moreover of the past, and were all corrected with that nonce world which I never should have left. I now it all now, the besutiful house in the Kinlgstrasse, my neer Gretchen, the

visions of the past. Reary time any of the hundred the hollows around fell upon my corp, I fareted I As for my uncle, always thinking of his selence, torch. He closely examined the different strata one

above the other, in order to recognize his artustices by geological theory. This calculation, or rather approximate. But a learned man, a philosopher, is nothing if not a philosopher, when he keepe his ideas calm and onlicated; and certainly the Profrance measured this quality to perfection.

of evological selence. As I understood his object and Mamaning I could not but interest remail despite my presesspation in that tarrible hour "livertive granite." he said to himself, "on are still in the primitive speek. But we are going up-going up, still come up. But who known? Who known?

There he still haved. He felt close the nextire! sides of the shaft with his hand, and some few minstyle-"This is quiess. This monachites-pillolous mineral Good again; this is the epoth of transi-

tion, at all events, we are close to them-and then and then-What could the Professor mann? Could be, by

crust of the certh suspended above our hazde? Did he nession one nearly means of making any anperformation to thus calculation? No. The manometer was wanting, and no summary estimation "What, then my young friend, is your new cause

per, "What fear you now?"

in a class of evaluation and reas serve. By degrees, and one after the sheet, Blazs, we work and regard had faster the steel, Blazs, we work and regard had known of our casts and waistents. They were classes of cutteres grant grant with the classes of cutteres grant gra

The Temperature Rices-Thay Are Floring on Love

In gan to feel as if I were hathed in a hot and

burning atmosphere. Never before had I felt any-

theme like it. I could only commune it to the hot

S we progressed, the temperature increased

All this moment, feeling as I did that the sides of this extraordinary will were red hat, I plunged my hands into the water to soil them. I drived them back with a cry of depart. The water is holding? I have been a superior of rages and departs. Something very like the truth had probably struck his longitudin. As invisible dead took possion in of my brain As invisible dead took possion in of my brain of the contraction of the contraction of the principal side coincreptle, such a clustrophe so not ever the post trivial maniferation could have branged as, and

sides, at first wages and uncertain, was gradually about partnersh conceiling. It was no scrible in Side that I sensely deard it wilaper II to trayed. Side that I sensely deard it wilaper II to trayed, the sense of the sense o

with saidon and surprising forts, rue recute, or as it is easi, leaved the covenees, and ther ran saidenly beefs again as if it is had the vection. Terrible detectation, like heaven's artillary, isgan to multiply themselves with fearful intensity. It could only compare them with the noise made by hundreds of heavily-laten chariets being madifdriven over a stone powerout. It was a continuous

rell of beary thunder.

They are in the Volcanic Shaft of a Center in Pall Action

A RD than the mall compass, shaken by the wild

celetric photocorea, confirmed one in any repdifference opinion. The mirroreal quant increase quant

for rejors, the form of was about to close, the vaid was

about to be fifted up, and we goed atoms to be

creabed in its awrist enhance! "Gracky medis" I

grind, "we are wholly, irrottowable, test!"

sugar tone. "On you can be that the walls of the schaff are in multiple of you not see that the sould can be act as early and the your out for life the schaff are in multiple, the multiple you can feel the complete the schaff are the schaff are the schaff are scha

"What do I fear now!" I cried, in florce and

"My tophon, I tell you that you are utterly mistalen," he confined.
"De you not, one you not, recognize all the welllearn appringer—"
"Of an earthypology" by no means, I am occuting recording for mere important."
"My hearn is strained beyond enfurance—what, what do you mean?" I cried.

f "An eruption, Barry,"
"An eruption," I gauped. "We are, then, in the
two whom is a creator in full notion and viger,"
"I have every reason to think so," and the Professor in a conling tone, "and I beg to tell you
than it is the most fortunate thing that could happun to us."

The most fortunate thing! Had my uncle really

and trifeg goes mad? Trifed data for most be these
are the property of the pro

by from under the spectacles, "It is the only chance which remains to us of ever conjugate from the interior of the sarth to the light of day,". Be in quite impossible that I can put on paper the thousand strange, will thoughts which followed this extraordinary amountments. But my under wast right, quite right, and never had be impassed to me as underlines and an exercenced as when he is not an extension and one of the contraction of the contraction of the conclusion of an exception—of our being not upon a conference of the contraction of the single cases.

It is Not a Shaft of Speffels

To is Nos a Shait of Staffeld

WHILE we were speaking we were still asvery conditing two passed the whole might going

conditing two passed the whole might going

construct to the speak mere constitutionly, in an

most ready to speak mere constitutionly, in an

most ready to suffortine, I surjectly believed that

my last heave was approaching, and yet, so strange to

incogination, all it hought of was some childin by
choose year some choulding. They overcage was

declosed year one choulding. They overcage was

It was onlie evident that we were being out una mass of bodite water, and under this was a heaving mass of lave, and an aggregate of rocks which on reaching the summit of the water would be dispersed in every direction. That we were inside the chiteney of a volcano there could no longer be the

AMAZING STORIES

stiffs no " I cried

center."

shadow of a doubt. Nothing more terrible could be But on this occasion, instead of Spaffels, an old and extinct volcans, we were inside a mountain of fire in full activity. Several times I found reveal asking, what mountain was it, and on what part of

the world we should be shot out. As if it were of any consequence! In the northern regions, there went decidedly mad the company had never made som, we had been swept away to the northward many hundreds of learnes. Now the mestion was beliebed forth on to the earth through the crater of Mount Hocla, or should we reappear through one

of the other oven fre-functs of the island? Taking in my mental vision a radius of five hundred leagnes to the westward. I could see under this namilel only the little-known volcances of the northwest coasts of America. To the east one only existed somewhere about the eightieth degree of latitude, the Esk, upon the island of Jess Mayer,

was not graters that were marting and many of them were big enough to wemit a whole army; all I wished to know was the particular one towards which we were realize with each foreful subscite. I often think now of my folly; as if I should have Towards morning, the assembling motion became greater and greater. If the degree of best in-

creased instead of decreasing, so we approached the surface of the earth, it was simply because the causes were local and wholly due to volcanic influence. Our ways style of locomotion left in my mind no doubt mon the subject. An engreens force, a force of some hundred of combined stranscommensual in the interior of the corth, were heleting us unwards with irresistible rower.

to what fearful dangers were we about to be exposed? Instant death appeared the only fate which we could expect or contemplate. The Worst Period of the Assess TOON a dim, scrulchrol light penetrated the vertical onliery, which harmes wider and

wider. I could make out to the right and left long dark corridors like framense turnels, from which awful and borrid vapore poured out. gues of fire, sparkling and erackling, appeared about to hok us up. The hour had corne!

"Look, uncle, look!" I eried. "Well, what you see are the great sulphurous flames. Nothing more common in connection with "But if they hap us round!" I angetly realied "They will not lan us round," was his quiet shid

SCREEN SHEWAY.

swered, "but a kind of lava pasts, which is beaution as un. In corrector with itself, to the wooth of the disarpeared to give place to dense masses of seething equative matter. The temperature was becoming utterly insupportable, and a thermometer exposed to this atmosphere would have marked between 189 and 190 degrees Fahrenheit, Perspiration rushed

ancending?" I demairingly realled. "There is no longer any water, Harry," he an-

"But it will be all the same in the end if they

"We shall not be stifled. The callery is ranidly

"But the water, the water, which is continually

becoming wider and wider, and if it be necessary,

we will propertly leave the raft and take refuse in

from every pore. But for the extraordinary rapidity of our arount we should have been stiffed Nevertheless, the Professor did not carry out his proposition of abandening the raft; and he did quite wisely. Anyway, those few ill-joined beams offered a solid surface-a support which absorbers Towards eight o'clock in the morning a new ineldent startled us. The ascensional movement suddonly cussed. The raft became still and motioniess.

"What is the matter new?" I said energlossly, very much startled by this change, "A simple halt," replied my uncle. "Is the eruption about to fail?" I asked.

Without making any ruply. I rose, I tried to look around me. Perhaps the raft, checked by some projecting rock, pressed a momentary registance to the cruptive mans. In this case, it was absolutely necessary to release it as opickly as nessible. Nothing of the kind had occurred. The column of cinders, of scories, of broken rocks and earth, had whelly cased to secend. "I tell you, uncle, that the eruption has stopped," was my oracular decision, "Ah," said my unch, "you think so, my boy. You

ore wrong. To not be in the last element this sudden moment of calm will not leat long, be assured. It has sirendy endured five minutes, and before we are many minutes eifer we shall be con-But though we were approaching the light of day, All the time he was speaking the Professor contimed to consult his chromometer, and he was probably right in his prognostics. Soon the raft resurted its motion, in a very rapid and disorderly war, which lasted two minutes or thereabout; and then again it stopped as suddenly as before, "Good," said my uncle, observing the hour. "Ye ten reinsteen

we shall start again." "In ten minutes?" "Versurrectively. We have to do with a waterrethe ereption of which is intermittent. We are com-

nelled to breathe just as it does. A Long, Leating Delirium as Escape Approaches

O'THING could be more true. At the exact minute be had redicated, we were again launched on high with extraore rapidity. Not to be east off the raft, it was necessary to hold on to the hearts. Then the helet source course Many times since have I thought of this singular physomeron without being able to find for it any natisfactory embraction. Nametheless it consured quite often to me, that we were not in the principal chimney of the wileyed, but in an accordery conduit

where we felt the counter-shock of the great and principal tunnel filled by burning lava. It is impossible for me to say how many times this manuguer was repeated. All that I can remember is up with ever-increasing velocity, as if we had been igurched from a hoze projectife. Desire the artifice

projection the hot air took away our breath. I thought for a moment of the voluntuous for of authorie fuding movelf in the hyperborous regions with the cold 30 dayross below sero! My expited imspination pictured to itself the vast enough plains of the arctic regions, and I was imputient to reli myself on the toy carpet of the neeth pole. By degrees my head, utterly overcome by a series of vio-

was delirious. Had it not been for the powerful arms of Heas the guide, I should have broken my head agestruct the granite masses of the sheft. I have, in consequence, kept no scroust of what followed for many bours. I have a vague and confused remembrance of continual detorations of the abelian of the bage grantite mass, and of the

the stream of hot lava, smidst a falling cloud of cinders. The bare flames regries, progress as A storm of wind which appeared to be cust forth fires of the earth. It was a hot insanfracent blood At last I saw the figure of Hans as if expelened

in the huge halo of hurning blass, and no other the conferenced viotim may be surroused to feel when more when the abot is frest and his lively are dis-

CHAPTED VIIII Daylight At Last

THEN I opened my eyes I fall the heart of the guide chalchang me founty by the belt. With his other hand be supported my angle. I was not grievously wounded, but bruised all over in the most remarkable manner. After a mement I leoked around, and found that I was being down on the sions of a megratain net two words from a years. the slightest false step. Home had saved me from

death, while I rolled insensible on the finales of the "Where are we?" dreamily asked my uncle, who literally appeared to be disgusted at having returned to earth. The eider-down hunter aimply shrugged his shoulders as a mark of total ignor-

"In Laston 2" I rentied, not nositively but laterrogatively. "Nei," said Hens. "How do wen moon?" sried the Professor: "how-

what are your recoura?" "Hear in wrong," said I, rising,

nev. a vet more singular one was reserved to us. I expected to see a cone covered by snow, by extensive and wide-spread stacises, in the midst of the arid deserts of the extreme parthern portons beest latitudes. But contrary to all our expectations. I, my unche, and the Icelander, were east meen the sloop of a mountain calcined by the burning rays of a sun which was literally baking us with its fires I could not believe my sweet but the actual heat which affected my body allowed me no chance of doubting. We came out of the crater half releval and the radiant star from which we had saled nothing for two months, was good snough to be prodigal to us of light and warmth-a light and warmth

we could easily have dispersed with. When our eyes were accustomed to the light we had lost night of so long. I used them to rectify the errors of my imagination. Whatever happened, we should have been at Spitzbergen, and I was in no humer to yield to anything but the most shouldte

After some delay, the Professor spoke. "Hom?" he said, in a healtating kind of way, "it really does not look like Iceland." "But supposing it were the island of Jean Mayon?" I vectured to chaorye. "Not in the least, my boy. This is not one of the releances of the north, with its hills of granite and

"Nevertheless-o-" On the Surface of the Earth as Lath OOK, look, my hey," said the Professor.

as degrantically as usual. Right above our heads, at a great height, opened the grater of a velesne from which exceptd, from one quarter

of an hour to the other, with a very loud explosion, a lefty jet of flams mingled with persion stone, cinture in the mountain, which breathed like a huge whale, throwing up from time to time fen and air through its exormens vents. Below, and footing along a slope of considerable

segularity, the stream of cruptive matter spread away to a depth which did not give the volcane of bright of three hundred fatherns. Its base diamproped in a nerfact forced of green trees, arrows with rich grapes. Certainly this was not the certifiary aspect of the Arctic regions. About that there sould not be the eligidest fould When the eye was satisfied at its glimpse of this vertical expanse it fell upon the waters of a levely

sea or beautiful lake, which made of this enchanted wards the setting sun, some distant shores were to be made out on the edge of the keepers. In one wiscoarmeared a predigionaly lofty eros, above the sum-"Where can we be?" I saled, smaking to a low

Hars that his eyes with an air of indifference. and my smale looked on without clearly understanding "Whatever this mountain your he?" he said as "I must confern it is rather warm. The explusiers do not leave off, and I do not think it is AMAZING STORI

MVIAZING STORMS.

ANYLAZING STORMS.

SIGNIFICATION STORMS As well as the same demand in Rigitist, of which is was reason force to super piece of rook upon and distorer the real state of the case. We cannot be super piece of rook upon and distorer the real state of the case. We cannot be super piece of the super piece pie

Taking round and the properties of the control of t

I about hive remained still for several hours tenger—but it was accessary to fellow my companions.

Where are Tony? An Incovice with a Glibi.

Machine to be remained allent.

THE days of the volume was very steen and ellipsery; we all over piles of short, woulding the stream of het have shirt glided short file and stream of het have shirt glided short file and stream of het have shirt glided short file and the stream's contract great g

Acts P'I suckained; "we are on the coast of India, in the great Mainy salead in the center of Oceans. We have crossed the one hilf of the pible to some out." "Strondon," replied the richtyl little shapbard whight at the analysis of nationals my smale; "explain of the control of the deplaing away from Hans and disappearing in the office of the control of the control of the control of the control of the deplaing away from Hans and disappearing in the office of the control of the control of the control of the control of the deplaing away from Hans and disappearing in the

The continues of the considerable of the considerable of the continues of

"Then we are at the north pole-"

The pin-en-well-well I give it up? we may be used to be

is anytholy and cereptony, in the state of destitation to which we shall false, we were not particular to a greacy of the state of th

trees, I discovered a spring of fresh water, take white we discovered a spring of fresh water, take white we observed plenugle our feats, knots and fest. While we were all giving way to the delights of work-found phenurus, a little child appeared by the convertibility of the feat of the library would be the substitute of this heavy owner, where the convertibility of the feat of the library would be the substitute of this heavy owner, it was abbitted of this heavy owner, and we should have been side described by the substitute of this heavy owner, and we should have been side described by the substitute of this heavy owner, and we should have been side described by the substitute of this heavy owner, and we should have been side described by the substitute of the heavy owner, and we should have been side described by the substitute of the heavy owner.

The little fellow was poserly drawed, work and safeting, and spraced tertiley shirmed at our appearance, Riddenked, with trapicle, matter descriptions, and such the centry are a boddi lend, we were not mixture by the mixture of the compass. The same untilities had suches the centry are a boddi lend, we were not mixture by the mixture of the compass. The same untilities had written that the compass. The same untilities had been the compass. The same untilities had been the compass that the compass the compassion of the comp

This unlines the quality with a taken from we were most unlined by some five marked meeth. This is a first I may unline the property of the marked meeth. This is a first I may may be marked to be made and the crief and below. May under the do below as may be marked to the first may be marked meeth. This is a first I will be marked meeth. This is a first I may be mark

the rate and the first, are never then, each neighbor to see a state of expents outprints. It was be much as possible, and then possible in German. "What is not possible, and then possible in German. "What is the rate of this mountaint, my friend!"

The child much on really.

The child much on really.

The child made no reply. and "Goody" and my uncle, with a very positive air speaking this; my uncle, half-naked, his kethers of conviction, "we are not in Germany." He then pure round his loins, and his spectacles upon his

nose, became once more the terrible Professor of best, he maintained his own views both with pen

An hour after leaving the wood of clives, we reached the fort of San Viceron, where Haus de-At that moment, if he did not indeed quite shore give way as to include to an extraordinary extraorslon for him. With the tips of two fingure he gently

Mineralogy.

CHAPTER XLIV

The Journey Boded WHIS is the final conclusion of a narrative which will probably be dishelieved even by

people who are astendahed at nothing. I am, bowever, armed at all points against burnsn in-We were kindly received by the Strembolite fishcrines, who treated us as shipwreeked travelers They gave us clothes and food. After a delay of furty-eight hours, on the 31st of Sentember a little vessel took us to Messins, where a few days of de-

lightful and complete repose restored us to cur-On Friday, the 4th of October, we embarked in the Volterus, one of the postel packets of the Imperial Messagerie of France; and these days later we haded at Marcellies, having no other care on our minds than that of our precious but erratic compass. This inexplicable circumstance termented me

torribly. On the 5th of October, in the evening, we reached Hamburg. What was the astonishment of Martin, what the joy of Gretchen! I will not attempt to define it "Now Harry, that you really are a here," she said. "there is no reason why you should ever leave ma again." I lected at her. She was weeping tears of

I leave it to be imagined if the return of Protion in Hamburg. Thanks to the indiscretion of of the Earth had been spread over the whole world. No one would believe it-and when they saw him But the presence of Hono and reany stray screpe of information by degrees modified public opinion Then my uncle become a great man, and I the peobley of a great man; which, at all events, is

something. Hemburg gave a factival in our honer, of his adventures, omitting only the facts in connection with the omenass. That some day he deposited in the archives of the town the document he had found, written by Sak-

russers, and he expressed his great regret that circumstances, stronger than his will, did not allow him to follow the Irelandic traveler's track into the very Center of the Barth. He was medest in his So much happy necessarily created for him many envious enemies. Of course they existed, and as his theories, supported by certain farts, contradicted and speech against the learned of every country. Although I still believe in the theory of central heat, I confees that certain circonstances, hitherto very ill-defined, may medify the laws of such natural A Happy Boding

A T the moment wasse the first rest, my uncle re-ing discussed with interest, my uncle re-ceived a rade shoult—one that he felt very much. Hans, despite everything he could say to the contrary, quitted Hamburg; the man to whom we owed so much would not allow up to pay our deep debt of gratitude. He was taken with nastatoin; a

day, and with this one short word of adies, he

We were deeply attached to our lowve elder-duck hunter. His absence will never course him to be forgotten by those whose lives he saved, and I have.

To conclude, I may say that our Journey into the Interior of the Earth created an correcus sensation throughout the civilized world. It was treaslisted and printed in many languages. All the leading journals published extracts from it, which were communicated, discussed, attacked, and supported ephodes, and by those who were uttury incredulous. Wonderful! My uncle enjoyed during his lifetime all the glory be deserved; and be was even offored a large sum of money by Mr. Barnam, to ex-

hibit himself in the United States; and I am creditly informed by a traveler that he is to be seen in wecwerk at Madama Tussaud's l But one care nessed upon his mind, a care which rendered him very unhappy. One fact remained inexplicable—that of the compass. For a learned man to be baffed by such an inexplicable phenomenen was very soprapoline. But horses was maniful and in the end my uncle was happy. One day, while be put some minerals belonging to his collection in order. I fell upon the famous compans and examined it keenly. For six recetls, it had him maneticed and

untouched. I looked at it with euriority, which seen became surprise. I gave a load ery. The Professor. who was at hand, soon joined me.
"What is the metter?" he gried. "The corners!"

"What then?" "Why, its needle points to the south and not to the north."

"My dear boy, you must be dreaming," "I am not dreaming. See the poles are changed." "Changed?" My uncle put on his spectacles, examined the instrument, and leaped with joy, shaking the whole

house. A clear light fell upon our minds. "Here it is?" he cried, as soon as he had recovered the use of his speech. "Our error is now easily explained. But to what phenomenon do we own this alteration in the needle!"

"Nothing more simple." "Explain yourself, my boy, I am on thorns." "During the stores, upon the Central Sea, the ball



A Strange Offer SERVICETOR Harkonsow. I'm looking for si Bare pinoc."

"I'm surry, my friend, but we have no vacancy at present." "Hy rame is Phessenden Keens, Al-

though I left school at the age of fifteen, I have studied at home and have the equivalent of a cellege education. I am very appleas to study inventing. and having heard a great deal about your marvelous inventions. I should like were much to work for

"I'm sorry, but as I said before there is no vacarry at present. In fact, this is the dail sesson and I have more man on hand pow than I know what to

Phetrenden Keene amiled. "I know," said be, "that you have no uncases for an ardinary man, but I am sure you have one for me!"

Doctor Harlomenw looked up to surveying at thin conceited statement and was about to make an engry

tongue. The young fellow evidently had a strong will for he continued "I know my own value better than you know it. I

am so sure that you have a vacancy for me that I am willing to come to work for you for nothing." "Thank you," realed Dorter Hackmany, coldly, "first I desire to now my conjecture for their work.

Besides, on I said before, there is no week for you "I'll find work," realled the young man confdentity.-"and plenty of it. Besides, I am willing to do all the dirtiest and most disagreeable work on the place. I will black the boots, clean out the spit-

snow and so on. I will be your poster and carry any part of the city."

MAKING only pill testible has always been any at I'd the great feaculations to the income race. And no monders I make no all the soleckled are could make, all the IVE him a trial, Prop," whisper-Scientifically speaking, it is not impossible to make a ody installic. Recent experiments underly a New Eng-Perkins, who, seated at heard the conversation seed was pleased with the

"How can you live if I dan't pay you any salany?" saled Doctor Hacksmaw of the young man. "I have a couple of bundred dollars laid hy that I saved penny hy

permy from my wages on a reach, where I worked for a while. I can make that last me for a year, and I know that long before that time I can convince you that my services are invaluable. "In that case, I won't nok for anything," "Very well. I'll snown you on your own terms. You are to do all the hardest and most disagreeable

"Thonk yeu." "When will you begin?" "Right away! I see the windows in the next recen haven't been washed for a month. I'll begin by cleaning those-" and five minutes later, provided with a nail of woder and a rag, the young fellow

DR. HACKENSAW'S SECRETS

return,"

which soon abone as they had never abone before. "Well, Pen," saked the doctor, "what do you think of that young fellow and his pecoosition?" "I den't know what to think, but I like his looks " "So do I. But for all that he may be a burglar, and may be choosing this means to learn where all

work on the place and are not to receive a cent in

the valuables on the place are logt. I have millions of dollars weeth of uppertented ideas that an intelligent chap like him could steal." "He looks like an honest fellow." "Looks darft equat for reach. The only other eveplanation I can see for his offer, is that he has fallen

in love with you, Pep, and has chosen this way of coming near you." And Dector Harkensow smiled "Negscasel" cried Psp, blashing, but seemingly not at all displaced with the idea.

Whatever the reason, young Keene soon made his services veritably invaluable. He came caris and stayed late and worked industriously all the time. One of his first jobs was to make a grand house-cleaning. Boom by room he went over the

whole establishment, opining every neglected expboard and cleaning it thoroughly. He timed his sion disconfort to surone. He did more. He made but in the place with a hieroglyph, to indicate where the thing was to be found. It was soon learned was no sense in hunting for it, for Keene could

loy his bands on it in a minute. CHAPTER II

The Z-Ray Photograph "TOOTOR HACKgot something peculiar to show you!" The speaker was Phesnonden Keepe, bromed

We are over you will exply the intent Dr. Heckenson Replied of the Jestille City. How would YOU earth as returned from a trip to heririble correct. But nothing is insourable to Dr. Mackhad been sent on a confi-WATER THE PROPERTY OF THE PARTY Koons was new Doctor Hackensaw's right-hand man. His declaration that

week, it was evident that he was a man of extraordi-

ever, in order to make the test thereugh, kept him at work a whole month, without any salary. At the end of that time, he made him a princely offer for

his services, and needless to say, the host-blacking

and mittoen-cleanter cannot be mediately. The way was too valuable to be allowed to spend his time in Finally, the doctor, needing a confidential man to sind to Africa, had entrusted Keens with the mission. Poor Pen Perkins was broken-hearted at his

found a man who made her heart go "tick-tack!" Keens was now back from Africa, and it was "Duster Hackensaw, I've got semothing poculian

to show you." "What is it?" asked the Doctor 'Tr's a little memonto I brought back from my

African trip, As you know, I had with me some of the special carteras you invented for taking photographs at night without the need of flash-lights." "Yes," said Doctor Hadomenw, "I rave you

photograph to plates of two kinds. I gave you plates that were sensitive to electric committees so that you could take photos of the 'aure' that servoursis living beings." "Precisely," said Siles. "What you call the Z-ray

is one of the Z-ray photographs I took near Mongalla. I think you will find it rather curious?" So saying, Phenometer Keens took from his neekst a photograph which he handed to the doctor, and

Pen left cleaning her troewriter in order to get a better view. A Young Old and Hee Arms "HE photograph represented what appeared to

be a heautiful young girl in a state of nature. but surrounded by on anya of electric course. "Well, what is there needler about this?" asked

the doctor. "It's just an ordinary photograph of a young lody, taken on a special plate in order to show "No, indeed," replied Keene, "I took that gnap-

shot in bright suplight, and not a trace of a girl near me. Doctor Harkensaw, do you believe three are such things as invisible creatures?

"Well, yes there are. In the water there are cortain aximals like felly-fishes that are so transparent that they are practically invisible. Among the animaleules too, there are many whose small size rendare stained even with a microscope. That is what makes it so difficult to discover the specific microbe that causes a disease. We must find some stain always easy. The celebrated Ehrhardt had to try no less than 606 different status before he found one that would color the microbes that cause sypbilis. Once he found the recover stain, however, he was able to incomprate draws with it, and was those anshied to have his druzs carried into the boiles of

the microbes. But, while invisible below are common in the mirrescapic world, we know of no large invisible animals,"

"Why didn't you try while you were over there?" "I unfortunately didn't develop the negative until after my return to the United States?" "Well," sessented the Doctor. "A search for an invisible girl is werse than a pearch for a needle cozet to make the attempt. I'll order my rapid aerophine and Pen and I will go with you." CHAPTER III

"Then the original of this photograph is the first

one," said Keens, "and I wish to ask your permis-

RRE we are, Doctor," exclaimed Phessen-den Keene. "This is the very spot where den Kaune. "This is the very spot waste I took the suspabel, as you can see by comparing it with the photograph," "Even now," said Pep, "I don't see how we can

ever hope to find the invisible surl. Pep spales of stark, but it seems to me much harder." "Yes," assented the doctor, "but to a scientist there would be no difficulty in finding a needle in a havatack. He would merely spread out the hay and

minutes the needle would be found clinging to the magnet. "Perhaps so," said Pen, "but at least you can see the needle when you do find it. Here we can't see

the girl and even if she were right in front of us would probably be gone by the time the negative Doctor Hacksnaw smiled. "You neget, Pen." said be, "that we have other senses horides the

sense of sight. Besides there are ways of making that I have some unprepared. I have in fact several strings to my bow. You will remember that we storred switte in Mongalia and I heard news there that will be of use to us. Hunting parties out after hous or elephants have noticed the mysterious disappearance of their provisions. Bunches of hamanes disappear, and also the stripe of hippopotamus ment that they hang up to dry. This knowledge will be very useful to us. The rivi exidently has no way of obtaining provisions except by stealing

them, keoos a banch of fine bananas would make a "Oh!" enclaimed Pep, "that's the reason you loaded up the aeroplane with such quantities of

"Precisely. Our first job is to locate the girl. go for water. And when tomogrow we find one or

It was no easy task tramping through the wilde, for cwatten was necessary, as liens, becards and olephants abounded in the region and even the PORTUNATELY, most of the wild animals has been required a real valerance decod of measurements. Even a bord of elephonic would fay from a cingle goron. It is a curious sight to see a hard of those large monetarm quitely feeding when a single good enters to windows did them. First one trutk goes up moe the air as the man's sect is worked to the heart. Then monthly and inafter trutk

scant is bestfol. Then the whole bord marrhes brildy saws of a ratio no evidency hunder can attrib.

When all the bult was burng up, carefully surproied out of the reach of dophants, the party returned in taber supplies to Mengalist to spend the night. The next meeting they returned to extension the back, and to their pay they found account of the burnels of the supplies of the party of the product of the burnels of the supplies of the party of the supplies of the party of the

The next morning they returned to examine the bart, and to their joy they found several of the burster of locateses missing. In most of the places no tracket could be found in the hard earth, but near one of the trees a small foot-print could be phintly discussed in the earth.

"There's our venus lade!" cried the Dector. "and

"Torey car young inly: "creat me nector, man propose that we mans her Luly Fools." It will be handy to have some name to know her by." "You, when we catch her," muttered Pep to horself.
"Name" and the Darine. "the neolitem is, shall we

try to trap her bore, or shall we follow har to her den, for she must have a lair somewhere, safe from the wild beacht?"
"How could was fellow her?" saked Korne, "It

would be easy enough if we had a good dog, but you can get nothing of the land here."
"I have something better than a dog," answered Doctor Hodennow, "I have my trusty old 'super-

soof or small amplifier. It is really smalling but a section of half a forces specially constructed andmost designed to amplify smalls instead of seconds. Calling mas of his Nathan seconds, Deckter Hales, sames truck from out of the logs a small case, which projected from the force customers are supported and the force customers that right with a flaring end, which the Dector hald over the nonest. The other thas ended in a small mank which fitted over the Dector's none. Thus equipped, Dovery best healths officed as cannot better than the

Nearing the Querry

TARTHUS at the fost-print, the dector had
no difficulty in picking up the trail, and startnear of the print of th

quarry in this manner when he came to a bill free and then panced and belood up into the branches. Nothing was vasible. "She climbed up here," and the Dactor, "and is here yet, unless she came down on the other safe,"

is to eatth hor?"
"Yes, that's all," returned Reene, carcastically.
"But how are you going to eatch a garl yes can't
cee? I becought a farst with me, but how are you
going to hase a girl unless yes can see her?"
"I have an answer for that," returned Doote
Herionaux, "for I have trenuit with me several
Herionaux," for I have trenuit with me several

"What are that?"
"They are speciacies so constructed that they
"They are speciacies so constructed that they
make electrical amountment vasible. This invisible
girl in, as we know by her photograph, surrounted
by an aura. These spectodies will make that sura
visible to up, and it will be our own fault of us do

occupie of section is what we do you have it we do not have grain. A moment later, the Dector, Pep and Keene were acting interrupt with the Unique spectrates and were acting interrupt up the tree. But the grid was well menched in the leaves and they could see nothing. "Never nind, I'll climb up with my learnt, and I'll can he would need here."

if I see her, we'll seek to have her. I've lassed pleaty of wild cattle on the ranches set West." It is not of wild cattle or the ranches set West." It has discussed in his hind, was assending the tree, will be Yes and the Dector booked squeryly from balw.

"I see her?" cried Keenes, and as he sheerfed the words, a rattling in the banes was boord.

"I see her to," cried Fee, "for rather I see what."

"I see her to," cried Fee, "for rather I see what is not be to b

It was a most pseudor sight, the sum of this invisible put as her rapidly described. But she was no match for a western cowboy like Keens. He watched her descent, bewing himself against the trunk of the troo, and setting his opportunity, sho the loop of his lightle over the shoulders and pulled it tight. The gift made a opens, but hung designing highess from the rope.

"Fre get bar," cried Keens, "Fill let her down to you carefully, but I recommend you to the her tightby with we can got her into the cage we brought for hir. She looks like a slippery customer!"

CHAPTER IV

"HERE we are, back in New York again!"
ried Dottor Haderseaw, gaily, the days
later, as his swift neroplane entered its
brogan. Our first job now will be to teach Aura to
speak."
Aura was the name that had finally been decided

Aura was the zone that had finally been decided upon for the intratific grid. "Light Yooks" dit soil assen very sathifactory. The girl evolutity postersed a language of her own and a few Arabb, tall Shillick words that the had withoutly overhead the nutries use, but observed so horse boding and owned nothing. As bligge expressed it, when they found her, this dight view how a page of a.". (He exit has page of the contract of the page of the page place pick on their expediction.

Destre Historieson, with the soul foresticht had

derthy meant kinness). Miggs laid books the air-place pitch on their capadition.

Destor Hudermon, with all most forestight, but reclinated that if they entight the girlt they would have to have some means of making by which. Accordingly had all brought about a travers for how. It didn't some property days a travers for how the property of the prop

ir from an ordinary grid overpt for t (Continued on page 584)

The Man Who Could Work Miracles B-H C WELLS

and waters filled earth and sky, and peering under his hand through the dust and sleet to windward, he saw by the play of the lightnings a yeat wall of "Marylig!" scroused Mr. Fortherinear's feelog voice amid the elemental uproar. "Here !--Maydig!

"Stop!" cried Mr. Fotheringay to the advanting water. "Oh, for goodness take, stop! "Just a moment," said Mr. Fotheringay to the lightnings and thunder. "Stop jest a memont while I collect my thoughts, . . And now what shall I do!" be said. "What shall I do? Leed! I wish Maydie

"I know," said Mr. Petherinesy, "And for goodness sake let's have it right this time." He remained on all fours, leaning against the wind, very intent to have everything right.

"Ah!" he said. "Let nothing what I'm going to arder harres until I say "Off?" . . . Lord! I wish He lifted his little voice against the whirlwind

shouting loader and loader in the vain destre to hear himself speak. "Now then !-- here goes! Mind shout that what I said just now. In the first ulace, when all I've got to say is done, let me less my miraculous nower, let my will become fust like anybody's size's will, and all these dangerous mirseles be stopped. I den't like them, I'd rather I didn't work 'em. Ever so much. That's the before the mirecles begin; let everything be furt as it was before that blessed lamp turned up. a hig job, but it's the last. Have you get it? No

more mirrorles, exervibling as it man-me book in the Long Dyagon just before I drank my half-pint. He dug his fingers into the repuld, closed his eyes, Everything became perfectly still. He perceived the he was standing erect.

Back in the Long Dragen

"O yes say," said a voice. He opened his eyes. He was in the har

of the Long Dragon, arguing about mirucles. with Today Beamish. He had a vacue sense of nome great thing forgetten that instantaneously respect. You see that, except for the loss of his

been, his using and memory therefore were now just an they had been at the time when this story began. So that he knew absolutely nothing of sill that in told here-knows nothing of all that is told here to this day. And among other things, of course, he still did not believe in miracles. "I tell you that miracias, properly speaking, can't nomibly harmen," he said, "whatever you like to hold. And I'm prepared to prove it up to the bilt."
"That's what you think," said Toldy Beamish,

and 'Prove it if you can." "Looky here, Mr. Beamish," said Mr. Fotherinpay. "Let us clearly understand what a mirrade in-It's something contraristies to the course of nature done by power of Will. . . . "

THE RED Experts Join Staff of "Amazing Stories"

T will come as good pews that two acketifiction expects have joined the staff as Literary Editors The more of Wilher C. Whitchead, the creater turbler, and he as just as much as expect in this type of fiferenties as it has make Bridge Mr. Whitebead is the author of the following books on Bridge, nel also citize of the "Work-Whitehard Austin Bridge Belletis": "Austina Bridge Standards "Austina Bridge Sunnary", "Complete Austin

Every event man has a holder and Mr. Whitehead tion and all that goes with it. We communicate our synders upon the acquirities of Mr. Whitelead. It staff, is, in our enision, the excelost living expert on else who has practically every plece of selectifiction that was ever published, in his library. Mr. Branck made a study, not only of works in the English

Three is not a work of this hird that has appeared during the but fifty years, with which Mr. Brush is not fully conversed. This is, of course, a tre-mendous name to a multication of the type of Amar-190 Sycass, and one which anyers you of getting

will have expert treatment, and that, of course, is very necessary when dealing with a new Eterature of By GARRETT P. SER
(Concluded)
The Last Field of Dr. Sex venerano

BUT it took me a long time, and I did not reach the rift in the summit until just be-free sundows. Knowing that it would be impossible for me to descend at night, I bethought me of the enfecture of rocks, supposed to have been made by Indiana, on the watern planneds, and de-

cided that I could pass the night there.
"The preparablesh batteres forming the con"The preparablesh batteres forming the coubound of the could be compared to the could be could b

and Now to my rect, imagine my simulation for the gar. By the country in the coun

war hidden by the time I reached the current, bit lift form even, and his black eyer glooming under the binary brows as he fixed them eternly upon my face. You have I never was given to loange my never, bit I som afraid I lest it on that occasion. Again and again I elever to capsel, but it was impossible to meve my tongue. So poweries secured my large that I wordered how I could centime

seconding.

"The doctor remained effect, but Me curious smile, which, as you know, was a thing of terore to made people, everyment his blooket immed fore and made people, everyment has blooket immed fore and the tenhalment of tenhalme

vengerace. At length I succeeded in overcoming the faciling which oppressed me, and, making a step forward. I shouted in a strained voice.

"You block Satus!"
"I esmeet clearly explain the psychological pro-

"I distinct clearly explain the psychological groots which all one to tute these words. I had over constable all one of the constable and the constable and

and apparently upon him, the effect of z desperate ewerd thrust which attains its mark. "Immodiately the doctors of tern section to receip, as if he had passed the verge of the precipies hehind him. At the same time it become fine, and then dimmer, wall only the dark outlines, and particular-

dimmer, until only the dark orthice, and particularly the jet-black eyes, glassing decedy, remained visible. And still be recoded, as though feeding in the air, which was now alreved with the eventure light, until he appeared to creas the immense at the feed of the creation of the rim of the borizon in the east.

"Teen, and/enly, I become aware that the full moon had rive at the very place on the distant

mountain-freew where the spectre rested, and as I mountain-freew where the spectre rested, and as I somewhat the spectre rested, and the figure of the doctor second elowly to frome themselves width the leaser disk, until at last he appeared to have quitted the air and the expt and to be frowning at me freen the circle of the moon."

While Hall was presourceling his cleaning weeks I

bad begin to stare at the moto with swiftly increasing interest, until, as his votoe stepped, I exclaimed, "Why, there he is now! Furny I never neticed it before. There's Dr. Syst's face in the mean, as

before. There's Dr. Syx's face in the moon, as plain as day."
"Yes," replied Hall, without turning round, "and I new replied Hall, without turning round, "and East

New Scientifiction Stories

F yes are interested in scientifiction stories, you will find usernal excellent ones in AMAZING STORIES' sloter sugarities, RADIO NEWS and SCHINGE AND INVESTION.

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GEORGE ALLAN ENGLAND Mr. H. Gerneback, June 4, 1926

Editor, "Amasinu Storing," New York City. Door Mr. Gerathad I count thank you too cardially for

the opportunity you give me to say seemsthing in approval of your plan to

niky, meaningies and heaties fo-tien. The type of stories you propose to print can do much to combat this evil tendency. Moreover, such sterion males now ming on. The soring that unfortenately for from true Only a

their graft. Today, they are seeking with some success, to have time taken struction. They are hasking the fight ers of reaction is upon us. "Science

For years I have advocated the teaching of evolution in grammarschools, high schools and nondemion,

on wall as in mayoralties. study would drive the involties of smiero, but they carnot control maga-

with all good winter for your ta-qualified surrent, and with the faith that untimabely "truth is mighty and will provail," I am as ever,

General ALLAN ENGLAND

The Scientific Adventures of Mr. Fosdick The Poline Light and Power Company

mendous electrical pressure with

in the pext morning, however, and g sheer for John L. These omicied by neon and the fifty thous, d morbid spectators that had matched the experiment Rubbers shed, the cat-was dropped to the ground-and it strayed. A great cheer went up from the growd. This

Speaks realised that a terrible mistake had been made. Hastily evabling a the numerous side shows that had set sed the crowd. He teld them that purhans a hundred malion volts of electracty, and that contact with him could mean but one thing-death. Instartly there was a wild commotion in nine train leads of people and, save

boots, the streets of Whiffleville were on lifeless as the shady poths of the Rubber and rubber alone could proteet them against the deadly meaned of John L. This, all realized. A thoughtless homanitarian, Bill Hitchcock by the name, made rubber boots for his three does. One of the does that were ofternoon grains John L. he became charged with the deadly

AMAZING STORIES Hitchnool's other two dors, charging them. With three electrical degs and one electrical rat at large only the

Complies Melfieled and the Two Charged Subjects Are Still in TITHIN the next twenty-four

hours there were a number of cosualties. About nine in the evening Oil Time, the iggrest of the clogs, came in contact with a lamp post. The post was instantly fesed became ignited, making a gayser of ward. The deg died. Later in the night another one of the dorn ran against a harbwire fance, killing ten head of stock four miles away. That dor also died. At daybreak there were a loud explosion in the outskirts of

from a cat fight in which John L-par-

the animal was further discharged by

tirinated. At any rate he has never been seen alnot and to-day only a pathetic hole in the ground marks his probable last bettlefield. The remaining dog was captured at great peril to life, and turned over to Prof. Succin for experimental purpossa. By gradually drawing off the mately five thousand volts and then

system of fifty larges which he maintained in the speculid effulzence of over two thousand candle power for a period of nine boom and eleven min-Mr. Foodick and Mr. Stetzle are now forme on two insulated stools is the inheratory of Declittle College. Their netestral is dropping at the rate of ten wilts a day, and Pref. Snooks has calculated that they must remain there

for the next SV7 years, three months electrical pressure. And worse, the and two days before being fully dusdog coming home rubbed noses with charged. It seems a great pity.

> In Preparation: "The Discread Lont,"
> By Pks-James O'Brien These stories will soon appear in

"Th, Secret Douge,"
By Gradt P. Servins
"Black's Inventors with a Keel," The Martin Way," "The White Gold Pirotal By Markin Moore T plan Purchase of the North Pole

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CONG DOLLES

VENTRELOGUESM LOGUESM TENTRE T ALLES AMAZING STORIES

The Eggs from
Lake Tanganyika
By Cure Stomass
(Concluded)

"Theriven. Eleren are dead. The

other two will never scrape alter. They are find up with the person-year."
"Think you," Mayor-Malor long up the receiver, "Warry well," he marmeries, "now there can be no question of any danger, for each fir one only lay three or fore eggs at ones,—not a million."

him. He went late his bol-room and fell exhausted on his bed. "It is well that there is a supercue without which controls the laws of nature. Otherwise the world would be subject to the strangest surprises." He thought of the mouster and crept auxicusty under the held-bittes. "We entered Schmidtthe bed-bittes."

Schmitt with the investigation of the creature phenomener, I sample exclusion stand further entitenest."

And steep spread the mantel of well deserved quiet over him.

The Ren.

A Trip to the Center of the Earth By June Venne (Conduited)

of fire which made a magnet of the irest in our raft, turned our compose page-bury."

"Ab?" cried the Predence, with a load and ringing lungh, "it mas a trick of that inexploable electrolly."

See "the load of the composition of the load of the composition of the load o

From that hour my under was the happinet of learned men, and I the happinet of ordinary mortals. For my pretty, Virland [std. abdicating her position as word, took her place in Kepound in Konigstrasse in the deside quality of nace and wide. We need sciencely pretten that her under was the Western Produces Mandaton

corresponding member of all the evicetific, programmed, mineralogical and prological addition of the fine quarters of the plobs.

The Exp. The Magnetic Storm

Colores availed of Colores Test (Section Years of the Section Years of T

Doctor Hackensaw's
Secrets
By Jacquis Monax
(Conclusion)

By JACQUES MESSAN
(Consisted)
visible eyes. A pair of appetacies, however, commissed this defect.
Pleasunder Recent full in laws with Aura at first eight, sind poor Pro year.

maily peakent, for in the whole-concell meany weakeners also had as least found a man who had wen have hours. But also was a good girl and manation of the management of the concell to conceal her feelings. She was wery good fushed to her arrival who wery good fushed to her arrival who were good fushed to her arrival who were speak, and also training her in the elements of civilitation, for shall

know bee than a child.

Unfortunately, the climate of steel Verk shi or agree will her. She who this the tropics excell stand a dry hear of 120° F., soffered under a dramp her of 20° F and furse mouth, since he arrival in the United States; she he came if, and it we stiff of Detter Have.

smaw's thremous efforts to gave her died.

Meene was inconsolable for a lengtime, but accorpears later be married.

Pep, and the pair were very hoppy algether. Migg's heart almost levels of the time, for he was devoted to Han-

Per, and the pair were very hopey as gather. Magy's heart almost brook's the time, for he was devoted to Per, but he finally compiled himself with a perceide blond's. As fee Decter Hardenesse, be is still allies and still positions weather his

inderful invention Test

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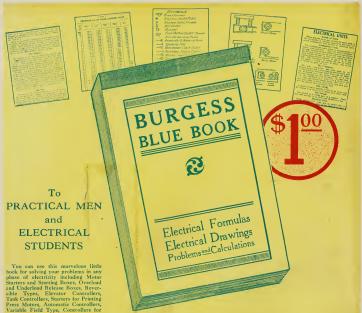
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